

SUBJECT INDEX VOLUME 76, 1995

NOTE: In this subject index the designation "S" indicates the author's work was published in the May Medical Education Issue. The designation "SC" indicates publication in the December supplement. Entries referring to the Annual Meeting abstracts published in the June and November issues are identified with the notation (ab) before the page number.

A

- Abdominal muscles, recruitment of, in inspiratory resistance breathing, (ab) 1056
- Abductor pollicis brevis muscle, electrodiagnostic studies of, in carpal tunnel syndrome, 246
- Abscess
 brain, from halo orthosis, 865
 epidural, *Streptococcus canis* in, (ab) 1076
- Abstracts
 Academy annual meeting, 1024
 Congress annual meeting, 591
- Academic performance, after brain injury, in pediatric patients, 17
- Academy (American Academy of Physical Medicine and Rehabilitation)
 board of governors, committees, liaisons, 110
 Grabois, M., presidential installation, 108
 liaisons, 296
 Matterson R.S., Zeiter lecture, 4
 post-stroke rehabilitation guidelines, 892
 presidential address, 1
 presidential installation, 108
 restructuring plan, 891
 Zeiter lecture, 4
- Achilles tendon, biomechanics of, during jumping, (ab) 1049
- Acidic aniline blue stain, in sperm maturity evaluation, 444
- Acidosis, lactic, with mitochondrial encephalopathy, (ab) 1083
- Acquired immunodeficiency syndrome. *See* Human immunodeficiency virus infection
- Action potential, motor unit, in laryngeal muscles, (ab) 1025
- Activities of daily living
 assessment of, 1152
 at admission and discharge, 705
 interdisciplinary differences in, (ab) 593
 for stroke rehabilitation discharge, 331
 vs. gait speed, in geriatric patients, 997
 in stroke, right vs. left hemisphere, 1144
- Activities Scale for Kids, 913
- Acute intermittent porphyria, rehabilitation in, (ab) 598
- Adhesive arachnoiditis, pain management in, (ab) 1051
- Administration
 reengineering, (ab) 591
 team planning document for, (ab) 591
- Admission
 from emergency room, to rehabilitation, (ab) 1026
 functional assessment at, 705
 interdisciplinary approach to, (ab) 599
- Aerobic capacity, in hemiplegia, (ab) 1033
- Aerobic exercise
 in depression treatment, in disability, 647
 in quadriplegia, body position effects on, 139
- Aging. *See also* Geriatric patients
 with cerebral palsy, (ab) 1038, (ab) 1055
 with disability, early intervention impact on, (ab) 1038
 muscle changes in, S-3
 postural control changes in, 961
 quiet standing biomechanics and, 151
 stance perturbation response and, 158
 in women, independence in, physical determinants of, 373
- Agitation, in brain injury, (ab) 1087
- air embolism in, (ab) 1085
 post-traumatic, propranolol and, (ab) 1068
- AIDS. *See* Human immunodeficiency virus infection
- Air embolism, in brain injury, (ab) 1085
- Airway complications, in brain injury, (ab) 1083
- Akathisia, in brain injury, (ab) 1087
- Akinetic mutism, definition of, 205
- Alcohol use and abuse
 paresthesia in, treatment of, S-10
 in spinal cord injury, epidemiology of, 525
 in traumatic brain injury outcome, 302
- Algometry, in fibromyalgia, (ab) 1048
- Alternating current iontophoresis, in drug delivery, 463
- Amantidine
 in memory deficit, in brain injury, (ab) 1086
 in olivopontocerebellar atrophy, (ab) 1069
- Ambulation
 in brain injury, prediction of, (ab) 1084
 cadence of, plantar pressures and, 1000
 with cane, length estimation for, 1173
 in muscular dystrophy, knee-ankle-foot orthosis for, 1156
 prostheses for
 above-knee, 290
 below-knee, bioenergetics of, 39
 nonarticulating, (ab) 1070
 in quadriplegia, prognosis for, somatosensory evoked potentials in, 635
 in stroke, recovery of, 27
- Ambulatory rehabilitation, SC-10
- Amenorrhea, in sport climbers, (ab) 1029
- American Academy of Physical Medicine and Rehabilitation. *See* Academy
- American Board of Physical Medicine and Rehabilitation, subspecialty certification requirements of, 888
- diplomates of, 893
- American Congress of Rehabilitation Medicine. *See* Congress
- American Spinal Injury Association Standards for Neurological Classification of Spinal Injury, (ab) 1077
- Amnesia, prediction of, in brain injury, (ab) 1086
- Amputation
 above-knee
 gait in, 736
 prosthesis fitting for, 290
 rehabilitation in, (ab) 1067
 below-knee
 prostheses for, bioenergetics of, 39
 stride characteristics in, (ab) 594
 hip disarticulation, prosthesis for, (ab) 1071
 lower extremity
 cardiac rehabilitation in, (ab) 1056
 critical care pathway for, (ab) 1071
 nonarticulating prosthesis for, (ab) 1070
 prostheses for, with low ejection fraction, (ab) 1071
 quadrilateral
 in kidney end-stage disease, outcome of, (ab) 1070
 rehabilitation in, (ab) 1071
 repeated, from skin breakdown, 50
 transmetatarsal, skin breakdown after, 50
 unilateral transfemoral, gait in, 736
- Amyotrophic lateral sclerosis, S-10
- respiratory aids for, 828

SUBJECT INDEX

VOLUME 76, 1995

NOTE: In this subject index the designation "S" indicates the author's work was published in the May Medical Education Issue. The designation "SC" indicates publication in the December supplement. Entries referring to the Annual Meeting abstracts published in the June and November issues are identified with the notation (ab) before the page number.

A

- Abdominal muscles, recruitment of, in inspiratory resistance breathing, (ab) 1056
- Abductor pollicis brevis muscle, electrodiagnostic studies of, in carpal tunnel syndrome, 246
- Abscess
brain, from halo orthosis, 865
epidural, *Streptococcus canis* in, (ab) 1076
- Abstracts
Academy annual meeting, 1024
Congress annual meeting, 591
- Academic performance, after brain injury, in pediatric patients, 17
- Academy (American Academy of Physical Medicine and Rehabilitation)
board of governors, committees, liaisons, 110
Grabois, M., presidential installation, 108
liaisons, 296
Matterson R.S., Zeiter lecture, 4
post-stroke rehabilitation guidelines, 892
presidential address, 1
presidential installation, 108
restructuring plan, 891
Zeiter lecture, 4
- Achilles tendon, biomechanics of, during jumping, (ab) 1049
- Acidic aniline blue stain, in sperm maturity evaluation, 444
- Acidosis, lactic, with mitochondrial encephalopathy, (ab) 1083
- Acquired immunodeficiency syndrome. *See* Human immunodeficiency virus infection
- Action potential, motor unit, in laryngeal muscles, (ab) 1025
- Activities of daily living
assessment of, 1152
at admission and discharge, 705
interdisciplinary differences in, (ab) 593
for stroke rehabilitation discharge, 331
vs. gait speed, in geriatric patients, 997
in stroke, right vs. left hemisphere, 1144
- Activities Scale for Kids, 913
- Acute intermittent porphyria, rehabilitation in, (ab) 598
- Adhesive arachnoiditis, pain management in, (ab) 1051
- Administration
reengineering, (ab) 591
team planning document for, (ab) 591
- Admission
from emergency room, to rehabilitation, (ab) 1026
functional assessment at, 705
interdisciplinary approach to, (ab) 599
- Aerobic capacity, in hemiplegia, (ab) 1033
- Aerobic exercise
in depression treatment, in disability, 647
in quadriplegia, body position effects on, 139
- Aging. *See also* Geriatric patients
with cerebral palsy, (ab) 1038, (ab) 1055
with disability, early intervention impact on, (ab) 1038
muscle changes in, S-3
postural control changes in, 961
quiet standing biomechanics and, 151
stance perturbation response and, 158
in women, independence in, physical determinants of, 373
- Agitation, in brain injury, (ab) 1087
- air embolism in, (ab) 1085
post-traumatic, propranolol and, (ab) 1068
- AIDS. *See* Human immunodeficiency virus infection
- Air embolism, in brain injury, (ab) 1085
- Airway complications, in brain injury, (ab) 1083
- Akathisia, in brain injury, (ab) 1087
- Akinetic mutism, definition of, 205
- Alcohol use and abuse
paresthesia in, treatment of, S-10
in spinal cord injury, epidemiology of, 525
in traumatic brain injury outcome, 302
- Algometry, in fibromyalgia, (ab) 1048
- Alternating current iontophoresis, in drug delivery, 463
- Amantidine
in memory deficit, in brain injury, (ab) 1086
in olivopontocerebellar atrophy, (ab) 1069
- Ambulation
in brain injury, prediction of, (ab) 1084
cadence of, plantar pressures and, 1000
with cane, length estimation for, 1173
in muscular dystrophy, knee-ankle-foot orthosis for, 1156
prostheses for
above-knee, 290
below-knee, bioenergetics of, 39
nonarticulating, (ab) 1070
in quadriplegia, prognosis for, somatosensory evoked potentials in, 635
in stroke, recovery of, 27
- Ambulatory rehabilitation, SC-10
- Amenorrhea, in sport climbers, (ab) 1029
- American Academy of Physical Medicine and Rehabilitation. *See* Academy
- American Board of Physical Medicine and Rehabilitation, subspecialty certification requirements of, 888
diplomates of, 893
- American Congress of Rehabilitation Medicine. *See* Congress
- American Spinal Injury Association Standards for Neurological Classification of Spinal Injury, (ab) 1077
- Amnesia, prediction of, in brain injury, (ab) 1086
- Amputation
above-knee
gait in, 736
prosthesis fitting for, 290
rehabilitation in, (ab) 1067
below-knee
prostheses for, bioenergetics of, 39
stride characteristics in, (ab) 594
hip disarticulation, prosthesis for, (ab) 1071
lower extremity
cardiac rehabilitation in, (ab) 1056
critical care pathway for, (ab) 1071
nonarticulating prosthesis for, (ab) 1070
prostheses for, with low ejection fraction, (ab) 1071
quadrimerbital
in kidney end-stage disease, outcome of, (ab) 1070
rehabilitation in, (ab) 1071
repeated, from skin breakdown, 50
transmetatarsal, skin breakdown after, 50
unilateral transfemoral, gait in, 736
- Amyotrophic lateral sclerosis, S-10
respiratory aids for, 828

- Anejaculation, in quadriplegia, vibratory stimulation for, 59
- Anesthesia
 somatosensory evoked potentials in, (ab) 1044
 spinal, skin temperature response to pressure load in, 243
 topical, sensory nerve conduction studies in, (ab) 1044
- Aneurysm, mycotic, rupture of, 287
- Animal studies
 edema formation, 381
 functional electrical stimulation, (ab) 1026
 neuromuscular injury during limb lengthening, 467
 pressure ulcers, 666
 respiratory muscle stimulation in spinal cord injury, 266
 weight-bearing during and after bed rest, 541
 wound healing, 1134
- Ankle
 biomechanics of, during jumping, (ab) 1049
 dorsiflexor muscles of, isotonic exercises for, in geriatric patients, (ab) 1034
 eversion injury of, hypermobility in, hip and ankle muscle electromyography in, 1138
 inversion and eversion detection thresholds of, peripheral neuropathy effects on, 850
 muscles of, electromyography of, in ankle eversion injury, 1138
- Ankylosing spondylitis, rehabilitation in, S-41
- Anorexia
 osteoporotic stress fractures in, 884
 in sport climbers, (ab) 1029
- Antibiotics, utilization of, in rehabilitation, (ab) 1059
- Anticoagulants, in stroke rehabilitation, fall-related injury with, 840
- Antidepressants, in post-polio syndrome, (ab) 1064
- Antiepileptic drugs, in brain injury, discontinuance of, seizure recurrence after, (ab) 1041
- Anton syndrome, in brain injury, (ab) 1082
- Aphasia
 in brain injury, with congenital deafness, (ab) 1041
 in Landau-Kleffner syndrome, (ab) 1068
- Apnea, sleep, in stroke, 71
- Arachnodactyly, arthrogryposis in, (ab) 1065
- Arachnoid cyst, thoracic, spinal cord injury from, (ab) 1039
- Arachnoiditis, adhesive, pain management in, (ab) 1051
- Arch, of foot, measurement of, 45
- Archives of Physical Medicine and Rehabilitation*, statistical guidelines for, 784
- Ariel Performance Analysis System, accuracy of, 183
- Arm crank ergometry, oxygen uptake in, in lower extremity disability, 642
- Arthritis
 degenerative (osteoarthritis), of hip, S-47
 psoriatic, in HIV infection, S-32
 rheumatoid, treatment of, S-32, 190
- Arthrogryposis, in arachnodactyly, (ab) 1065
- Arthropathy, HIV-associated, S-32
- Arthroplasty
 hip, sciatic neuropathy in, (ab) 1044
 knee, in praying nuns, (ab) 1031
 lower limb joints, rehabilitation in, S-47
 shoulder, rehabilitation in, S-47
- Aspiration screening test, in stroke, (ab) 1040
- Assistive devices
 for cerebral palsy, (ab) 1055
 education for, (ab) 595
 for medical education, in quadriplegia, (ab) 1074
- Ataxia, Friedreich's, S-10
- Athletes. *See also* Sports medicine
 grip strength in, vs. radial bone mineral density, 234
 wheelchair, functional reach facilitation in, 360
- Atrial fibrillation, in stroke, thromboembolism in, (ab) 1082
- Atrial thrombus, in stroke, (ab) 1082
- Auricular nerve, great, reflex sympathetic dystrophy of, in pediatric patients, (ab) 1067
- Autoimmune disease, vs. tetraparesis, 391
- Autonomic nervous system
 dysfunction of
 in multiple sclerosis, (ab) 1061
 in post-polio syndrome, (ab) 594
 rehabilitation in, (ab) 1060
 symptoms of, S-10
 function of, after stroke, 250
- Autonomy, competency evaluation and, 909
- Avascular necrosis
 of femoral head, rehabilitation in, S-47
 in spinal cord injury, (ab) 1075
- Axillosubclavian vein thrombosis, in wheelchair use, (ab) 1080
- ## B
- Back, strength of, in normal children, (ab) 1046
- Back pain
 in bacterial endocarditis, (ab) 1057
 in degenerative joint disease, rehabilitation in, S-41
 diagnosis of, physical vs. machine comparison in, (ab) 1030
 exercise for, alignment for, 225
 interventions for, acute, 966
 in osteomalacia, (ab) 1051
 in pelvic insufficiency fracture, (ab) 1028
 postural aberrations in, 218
 in pregnancy, from lumbar disk herniation, 476
 with radiculopathy, magnetic resonance imaging in, (ab) 597
 rehabilitation in, admission from emergency room, (ab) 1026
 in spinal osteoid osteoma, (ab) 1031
 trunk muscle strength in, posture effects on, 604
- Back school, 966
 results of, (ab) 1052
- Baclofen, intrathecal, in cerebral palsy, (ab) 1038
- Bacterial endocarditis
 back pain in, (ab) 1057
 after laminectomy, (ab) 1057
- Bactrian sign, in electrodiagnosis, (ab) 1043
- Balance
 disorders of
 in brain injury, treatment of, (ab) 1084
 dance therapy in, (ab) 1082
 falls in, in geriatric patients, (ab) 1058
 evaluation of, in older adults, 77
 shoe type and, 940, (ab) 1070
 standing
 in acute rehabilitation, 994
 biomechanics of, aging effects on, 151
 in stroke, testing of, 317
- Barium swallow, in stroke, aspiration screening test for, (ab) 1040
- Baroreceptor function, after heart transplantation, (ab) 1025
- Baseball pitching performance, cervical spine influence on, (ab) 1029
- Bathroom, falls in, (ab) 1071
- BB pellets, brain injury from, (ab) 1067
- Becker muscular dystrophy, natural history of, S-21
- Bed rest
 in back pain, 966
 simulated, weight-bearing during and after, muscle strength and, 541
- Behavioral treatment
 in acute intermittent porphyria, (ab) 598
 in conversion disorder, in pediatric patients, (ab) 1067
 in urinary incontinence, 1120
- Bell's palsy, prognosis for, S-10
- Belt, for trunk stabilization, in wheelchair users, 360
- Beta-2 adrenergic agonists, muscular effects of, in spinal cord injury, 55
- Biceps brachii muscle
 function of, in weight relief raise, in paraplegia, 433
 tendinitis of, in reflex sympathetic dystrophy, 239
- Biofeedback
 in stroke rehabilitation, 508
 in urinary incontinence treatment, 1120
- Biomechanics
 of ankle, during jumping, (ab) 1049
 of energy-storing prosthetic foot, 39
 of standing balance, in geriatric patients, 151
- Biopsy, bone marrow, gluteus medius hematoma in, (ab) 1046
- Bisacodyl suppositories, in bowel management, 674

- Bladder**
 augmentation enterocystoplasty of, perforation of, (ab) 1076
 drainage of, in spinal cord injury, infection risk and, 272
 dysfunction of, in stroke, (ab) 1081
 interstitial cystitis of, in fibromyalgia, (ab) 1047
 relaxing medications for, in urinary incontinence, 1120
 rupture of, from oxybutynin, (ab) 1068
- Blindness**
 in brain injury, rehabilitation in, (ab) 1088
 in occipital seizures, in brain injury, (ab) 1085
- Blood flow**, in thigh muscles, measurement of, in spinal cord injury, (ab) 1039
- Blood pressure**, changes in, in weight lifting, breathing technique influence on, 457
- Bloodborne pathogen exposure**, reduction of, in health care workers, (ab) 1054
- Bobath roll**, in shoulder subluxation, in stroke, 763
- Bolus**, pharyngeal transport of, finite element analysis of, (ab) 1073
- Bone**
 density of, vs. strength, 234
 metastasis to
 from glioblastoma multiforme, (ab) 1028
 pain management in, (ab) 598
- Bone marrow**, biopsy of, gluteus medius hematoma in, (ab) 1046
- Boots**, cowboy, balance performance with, 940, (ab) 1070
- Borreliosis**, urinary retention in, 1171
- Botulinum toxin**
 in bruxism, in brain injury, (ab) 1069
 high-dose, safety of, (ab) 1069
 in spastic dysphonia, (ab) 1062
 in spastic hypertonia, complications of, (ab) 1069
 in spasticity
 in brain injury, (ab) 1087
 hip adductor, (ab) 1065
 in index distal phalanx, (ab) 1070
 stroke, (ab) 1081
 in upper extremity deformities, (ab) 1066
- Bovie-induced sciatic neuropathy**, in total hip arthroplasty, (ab) 1044
- Bowel management**
 adjustments in, in urinary incontinence treatment, 1120
 in spinal cord injury
 bisacodyl suppositories in, 674
 outcome of, (ab) 599
 in pediatric patients, (ab) 1065
 results of, (ab) 1040
- Brachial plexus**
 dysfunction of, treatment of, S-10
 radiation injury of, breast cancer recurrence in, 974
- Brain**
 abscess of, from halo orthosis, 865
 aneurysm of, rupture of, 287
 systemic lupus erythematosus manifestations in, S-32
- Brain injury**
 agitation after, propranolol effects on, (ab) 1068
 air embolism in, (ab) 1085
 airway complications in, (ab) 1083
 akathisia in, (ab) 1087
 ambulation prediction in, (ab) 1084
 amnesia prediction in, (ab) 1086
 Anton syndrome in, (ab) 1082
 aphasia in, with congenital deafness, (ab) 1041
 balance disorders in, treatment of, (ab) 1084
 from BB pellets, (ab) 1067
 blindness in, (ab) 1088
 bruxism in, botulinum toxin for, (ab) 1069
 central fever in, (ab) 1087
 cognitive dysfunction treatment in, (ab) 1041
 computed tomography in, predictive value of, 797
 contractures in, surgical correction of, (ab) 1083
 disability rating in, nursing effort as measure of, (ab) 593
 Functional Independence Measure scores in, (ab) 1084
 Glasgow Coma Scale in, predictive value of, 797
 grip force control in, feedback-based training for, 653
 hiccups in, cisapride in, (ab) 1085
 hip flexor spasticity in, (ab) 1087
 hospitalization length after, motor performance and, (ab) 592
 hydrocephalus after, (ab) 1041
 Kernohan-Woltman notch phenomenon in, (ab) 1085
 knee rehabilitation in, (ab) 1083
 liver enzymes in, (ab) 1040
 medical complications in, (ab) 1086
 memory testing in, (ab) 1086
 methylphenidate in, side effects of, (ab) 1069
 minimally responsive state in
 definition of, 205
 evaluation of, (ab) 1084
 outcome of, (ab) 597
 vision assessment in, 804
 motor performance after, (ab) 592
 obesity in, (ab) 1086
 obsessive compulsive disorder after, (ab) 1088
 occipital status epilepticus in, (ab) 1085
 optic neuropathy in, (ab) 1082
 outcome of, (ab) 597, (ab) 1042, 1103
 early variables and, 797
 Glasgow Coma Scale in, (ab) 1085
 prediction of, 797
 substance abuse and, 302
 Supervision Rating Scale in, (ab) 592
 in pediatric patients. *See* Pediatric patients, brain injury in
 with perilymphatic fistula, dizziness in, 1017
 quality of life in, 1113
 rehabilitation in
 admission from emergency room, (ab) 1026
 critical pathways in, (ab) 598
 deep vein thrombosis incidence in, (ab) 1024
 evaluation of, (ab) 592
 family needs in, (ab) 1087
 with femoral neuropathy, 480
 outcome of. *See* Brain injury, outcome of
 predictive value of early variables, 797
 social functioning after, (ab) 592
 subacute, (ab) 1087
- seizures in**
 natural history of, (ab) 1042
 prolactin levels in, (ab) 1084
 recurrence of, (ab) 1041
 severity rating in, (ab) 1042
 in shaken baby syndrome, outcome of, (ab) 1027
 sleep disorders in, (ab) 1086
 social functioning after, (ab) 592
 substance abuse in, treatment of, (ab) 592
 superior mesenteric artery syndrome in, 871
 thromboembolism in, (ab) 1087
 traumatic. *See* Traumatic brain injury
 in twin, discordant functioning in, (ab) 1086
 visual tracking behavior in, 726
- Brain stem lesions**, nutritional impact of, 314
- Breast**
 cancer of
 recurrence of, in brachial plexus radiation injury, 974
 surgery for, types of, vs. shoulder mobility, (ab) 1035
 pain in, after massage therapy, (ab) 1037
 silicone implants for, peripheral neuropathy and, (ab) 1061
- Breathing**
 disorders of, in stroke, 71
 in heavy weight lifting, blood pressure changes and, 457
 inspiratory resistance, abdominal muscles in, (ab) 1056
- Bromocriptine**, in akathisia, in brain injury, (ab) 1087
- Bruxism**, botulinum toxin for, in brain injury, (ab) 1069
- Bupivacaine**
 in shoulder disorders, in reflex sympathetic dystrophy, 239
 subcutaneous, in spasticity, 202
- Burns**
 elbow ulnar neuropathy in, (ab) 1060
 return to work after, (ab) 594

C

- Cadence, of walking, plantar pressures and, 1000
- Caffeine
intake of, urinary incontinence and, 1120
in memory deficit, in brain injury, (ab) 1086
- Calcium channel blockers, in trigger point activation, (ab) 1048
- Calories
requirements of, in cerebral palsy, 281
restriction of, in obesity, lean body mass effects of, 65
- Cancer
breast, recurrence of, in brachial plexus radiation injury, 974
long-term survivors of, trunk muscle strength of, 983
prostate, radiation therapy in, neuromuscular effects of, (ab) 1035
venous thromboembolism in, (ab) 1068
- Cane, length of, estimation of, 1173
- Capsaicin
in dysphagia, in stroke, (ab) 596
in occipital neuralgia, (ab) 1051
- Cardiac rehabilitation
in acute myocardial infarction, (ab) 1025
ergometry in, 257
with lower extremity amputation, (ab) 1056
outcome of, (ab) 1057
after transplantation, (ab) 1055
- Cardiac surgery, rehabilitation in, outcome of, (ab) 1024
- Cardiovascular disorders
hip disarticulation prosthesis in, (ab) 1071
in post-polio syndrome, (ab) 594
- Cardiovascular performance, in exercise training, in quadriplegia, body position effects on, 139
- Carpal tunnel syndrome
anterior interosseous nerve latency in, 471
cervical radiculopathy in, electrodiagnosis of, (ab) 1045
electrodiagnosis of, 246, (ab) 1025
false positive results in, (ab) 1043
treatment of, (ab) 1050
- Case management, planning document for, (ab) 591
- Case-mix measurement, in medical rehabilitation, 1163
- Cast(s), dermatitis from, 97
- Castleman's disease, 692
- Catheterization, urinary, in spinal cord injury, infection risk and, 272
- Cauda equina syndrome, from epidural hematoma, (ab) 1080
- Cavalier support, in shoulder subluxation, in stroke, 763
- Cayenne pepper, in dysphagia, in stroke, (ab) 596
- Center of gravity, aging effects on, 151
- Central cord syndrome, triceps-driven orthosis in, (ab) 1070
- Central fever, vs. hyperpyrexia from sustained muscle contraction, 101
- Cerebellar stroke
frontal lobe symptomatology in, (ab) 1033
rehabilitation in, (ab) 1080
- Cerebral palsy
aging with, (ab) 1038, (ab) 1055
assistive technology for, (ab) 1055
caloric requirements in, 281
cervical spondylosis in, (ab) 1055
electrical stimulation in, gait effects of, (ab) 1038
genu recurvatum in, 558
health promotion in, (ab) 1055
hip adductor spasticity in, botulinum toxin in, (ab) 1065
intrathecal baclofen in, (ab) 1038
medical conditions in, (ab) 1055
upper extremity deformities in, botulinum toxin in, (ab) 1066
- Cerebrovascular accident. *See* Stroke
- Cervical myelopathy, progressive, imaging of, (ab) 1050
- Cervical nerve roots, radiculopathy of
in carpal tunnel syndrome, (ab) 1045
outcome of, (ab) 1062
after poliomyelitis, 94
- Cervical spine
alignment of, for trunk exercises, 225
fixation of, dysphagia after, (ab) 1077
fusion of, in spinal cord injury, tracheoesophageal fistula in, (ab) 1075
influence on baseball pitching performance, (ab) 1029
spondylosis of
in cerebral palsy, (ab) 1055
vs. lupus-like disease, 391
myelopathy in, outcome of, (ab) 1063
- Charcot knee, in diabetes mellitus, (ab) 1049
- Charcot-Marie-Tooth disease, with hypokalemic periodic paralysis, (ab) 1062
- Chemotherapy, in rheumatoid arthritis, 190
- Chewing, myofascial pain in, (ab) 1052
- Chi-square test, in research, 678
- Cisapride, in hiccups, in brain injury, (ab) 1085
- Climbing injuries, of upper extremity, (ab) 1029
- Clinical notes
brain injury with femoral neuropathy, 480
breast cancer recurrence, 974
bupivacaine for spasticity, 202
Castleman's disease, 692
cerebral palsy caloric requirements, 281
continent urinary diversion, 758
critical illness neuropathy, 688
dizziness from head injury and perilymphatic fistula, 1017
electrical stimulation for standing-up in paraplegia, 876
fatigue in multiple sclerosis, 583
gustatory facial sweating after sympathectomy, 104
halo orthosis complications, 865
heterotopic ossification, 284
hyperpyrexia from sustained muscle contractions, 101
locked-in syndrome, 868
lumbar disk herniation in pregnancy, 476
mimicry in tetraparesis, 391
mitochondrial encephalopathy syndrome, 1014
osteoporotic stress fractures, 884
poliomyelitis late effects, 94
pulmonary embolism in paraplegia, 387
radiculopathy with intraspinal synovial cyst, 1011
ruptured mycotic aneurysm, 287
sensory Guillain-Barré syndrome, 882
skin disorders from cast, 97
superior mesenteric artery syndrome, 871
thyrotoxic periodic paralysis, 685
transient traumatic quadriplegia, 1006
urinary retention in Lyme disease, 1171
- Coefficient of variation, as subject effort measure, 516
- Cognitive dysfunction, in brain injury, (ab) 1086
treatment of, (ab) 1041
- Cognitive factors, in driving performance, in elderly persons, (ab) 598
- Cognitive-behavioral function, evaluation of, in outcome prediction, (ab) 595
- Colitis, diversion, in spinal cord injury, (ab) 1079
- Collagen, synthesis of, in wound healing, electrical stimulation of, 1134
- Coma, definition of, 205
- Communication, disorders of, in dementia, speech therapy in, (ab) 1058
- Competency, evaluation of, in rehabilitation, 909
- Compound muscle action potential, resembling anomalous innervation, (ab) 1045
- Compression devices
in deep venous thrombosis prevention, in stroke rehabilitation, 324
in exercise-induced muscle injury, 744
- Computed tomography, in brain injury, predictive value of, 797
- Computer(s)
in Ariel Performance Analysis System, 183
in finger motor performance evaluation, (ab) 1044
in residency training programs, (ab) 1054
in warfarin dosage initialization, 453
- Computerized Severity Index, in brain injury severity, (ab) 1042
- Conduction block, vs. neurapraxia, S-3
- Conduction velocity, of muscle fibers, after fatigue, in geriatric patients, (ab) 1025
- Congress, American, of Rehabilitation Medicine
board of governors, 980, 1176
Bruno, R.L., Coulter Lecture, 792, 1093
bylaws revisions, 979

- Cohen, E., Licht Award, 794
 Cole, T.M., Edward W. Lowman Award, 791
 committees, 794, 1177
 Coulter Lecture, 792, 1093
 Daugherty, J., Licht Award, 794
 Distinguished Member Service Award, 792
 Dixon, T.P., presidential installation, 979
 Ducharme, S.H., Jr.
 board of governors, 980
 Distinguished Member Service Award, 792
 Edward W. Lowman Award, 791
 essay contest winners, 794
 Forchheimer, M., Licht Award, 794
 Fralish, K.B., board of governors, 980
 Gold Key Award, 790
 Gonnella, C., Gold Key Award, 790
 Hansen, N., Licht Award, 794
 Harley, J.P., Distinguished Member Service Award, 792
 Hennig, L.M., board of governors, 980
 Hinderer, S.J., board of governors, 1176
 Licht Award, 794
 Lilijestrand, J.S., board of governors, 1176
 position paper, on consciousness alteration nomenclature, 205
 presidential address, 897
 presidential installation, 979
 program committee, 396
 Sheldon Berrol Memorial Chautauqua, 210-211
 special interest groups, 1178
 Stiers, W., Licht Award, 794
 Tate, D., Distinguished Member Service Award, 792
 Tate, D.G., Licht Award, 794
 Zola, I.K., Gold Key Award, 790
 Connective tissue disease, rehabilitation in, S-32
 Consciousness alterations, nomenclature for, 205
 Contraception, in spinal cord injury, (ab) 1078
 Contraction, muscular, hyperpyrexia in, 101
 Contractures
 in brain injury, surgical correction of, (ab) 1083
 iliotibial band, flotation cushions for, 695
 Conversion disorder, in pediatric patients, behavioral management of, (ab) 1067
 Copenhagen Stroke Study
 of outcome, 399
 of recovery time course, 406
 of walking function recovery, 27
 Corticosteroids
 in carpal tunnel syndrome, (ab) 1050
 epidural, in sciatica, (ab) 1037
 intra-articular, rationale for, S-32
 in pediatric patients, consequences of, (ab) 1066
 in rheumatoid arthritis, 190
 in shoulder disorders, in reflex sympathetic dystrophy, 239
 in ulnar neuropathy, at elbow, (ab) 1060
 Costs
 of rehabilitation, postacute care alternatives in. *See* Rehabilitation, in postacute care continuum
 of wheelchair-accessible housing, 450
 Coughing, assisted, in spinal muscular atrophy, 213
 Coulter Lecture, American Congress of Rehabilitation Medicine, 792, 1093
 Cowboy boots, balance performance with, 940, (ab) 1070
 Coxsackie B virus infection, opsoclonus-myoclonus syndrome in, (ab) 1063
 Craig Handicap Assessment and Reporting Technique, in brain injury, (ab) 592
 Cramp-fasciculation syndrome, electromyography in, (ab) 1043
 Crank ergometry, oxygen uptake in, in lower extremity disability, 642
 Cricoarytenoid muscle, botulinum toxin injection of, in spastic dysphonia, (ab) 1062
 Critical illness neuropathy, 688
 diagnosis of, S-10
 Critical pathways, in brain injury rehabilitation, (ab) 598
 Cushions, flotation, in iliotibial band contractures, 695
 Cycle ergometry, in cardiac disease, 257
 Cyclosporine, in rheumatoid arthritis, 190
 Cyst(s)
 arachnoid, spinal cord injury from, (ab) 1039
 ganglion, peroneal nerve palsy from, (ab) 1062
 synovial
 intraspinous, lumbar-sacral radiculopathy with, 1011
 peroneal nerve palsy from, (ab) 1062
 Cystitis, interstitial, in fibromyalgia, (ab) 1047
- D**
- Dance, therapeutic, in neurological rehabilitation, (ab) 1082
 Data management, in research evaluation, 82
 Deafness, congenital, brain injury in, aphasia in, (ab) 1041
 Decompression myelopathy, in scuba divers, (ab) 1033
 Deep venous thrombosis
 asymptomatic, impedance plethysmography screening for, 833
 in brain injury rehabilitation, incidence of, (ab) 1024
 in paraplegia, erythrocyte sedimentation rate in, (ab) 1078
 in spinal cord injury, in pediatric patients, (ab) 1067
 in stroke
 prevention of, 324
 upper extremity, (ab) 1080
 Delorme technique, muscle fatigue in, (ab) 1060
 Deltoid muscle
 in elbow extension, in spinal cord injury, 426
 function of, in weight relief raise, in paraplegia, 433
 Dementia
 influence on Functional Independence Measure, (ab) 1053
 speech therapy in, (ab) 1058
 Demyelinating polyneuropathy, differential diagnosis of, S-10
 Depression
 in disability, aerobic exercise training and, 647
 in spinal cord injury, spouse perception of, (ab) 596
 in stroke, (ab) 596
 Dermatitis, dyshidrotic, post-cast, 97
 Dermatomes, in electrodiagnosis, of neuromuscular disease, S-3
 Devices
 cane length estimation, 1173
 flotation cushions, 695
 instrumented walker, 484
 reciprocating gait orthosis, 779
 for shoulder subluxation, 763
 treadmill apparatus for gait evaluation, 772
 Diabetes mellitus
 bilateral Charcot knee in, (ab) 1049
 lumbar canal stenosis in, (ab) 1030
 neuropathy in, pathophysiology of, S-10
 Diagnosis-related groups, as case-mix measurement, 1163
 Diaphragm, stimulation of, in spinal cord injury, 266
 Dihydroergotamine, in deep venous thrombosis prevention, in stroke rehabilitation, 324
 Disability
 aging with, (ab) 1055
 early intervention impact on, (ab) 1038
 in brain injury, vs. nursing effort, (ab) 593
 depression in, aerobic exercise training and, 647
 evaluation of
 dimensionality and hierarchical structure of, 1152
 Functional Independence Measure in, (ab) 591
 measures for, (ab) 594
 in pediatric patients, 913
 facilities accessible in, (ab) 1073
 group treatment in, (ab) 1054
 gynecologic issues in, (ab) 1028
 index for, in stroke rehabilitation, 501
 lifetime, impact on rehabilitation, (ab) 596
 managed primary care in, (ab) 1053
 non-physiatric physician accessibility in, (ab) 1027
 outpatient planning for, 341
 in pediatric patients, death causes in, (ab) 1038
 recreation in, in pediatric patients, (ab) 1066
 in rheumatoid arthritis, 190

- severe
 employment in, (ab) 600
 vocational outcome of, (ab) 1077
 sports program in, (ab) 1049
- Discharge planning
 functional assessment for, 705
 in stroke rehabilitation, 331
- Discitis, rehabilitation in, (ab) 1079
- Discography, lumbar, complications of, (ab) 1050
- Disease-modifying drugs, in rheumatoid arthritis, 190
- Disk disease
 lumbar, in pregnancy, 476
 in spinal cord injury, (ab) 1076
- Disseminated intravascular coagulopathy, quadrimemberal amputation after, (ab) 1071
- Distinguished Member Service Award, American Congress of Rehabilitation Medicine, 792
- Diversion colitis, in spinal cord injury, (ab) 1079
- Diving, decompression myelopathy in, (ab) 1033
- Divorce, after spinal cord injury, 130
- Dizziness, from head injury and perilymphatic fistula, 1017
- Dorsal rhizotomy, in pediatric patients, (ab) 1067
- Dorsiflexor muscles, ankle, isotonic exercises for, in geriatric patients, (ab) 1034
- Double crush syndrome, ulnar nerve electrodiagnostic studies in, (ab) 1025
- Driving performance, in older adults, cognitive factors in, (ab) 598
- Drugs
 abuse of
 in spinal cord injury, epidemiology of, 525
 in traumatic brain injury outcome, 302
 delivery of, alternating current iontophoresis in, 463
- Duchenne muscular dystrophy
 diagnosis of, S-21
 gastric dilatation in, (ab) 1063
 knee-ankle-foot orthosis for, 1156
 management of, S-21
 natural history of, S-21
- Dyshidrotic dermatitis, post-cast, 97
- Dyskinesia, tardive, rehabilitation in, (ab) 1064
- Dysphagia
 after cervical spine fixation, (ab) 1077
 in stroke
 cayenne pepper treatment of, (ab) 596
 malnutrition in, 310
 treatment of, 1130
- Dysphonia, spastic, botulinum toxin injection in, (ab) 1062
- E**
- Ear, perilymphatic fistula in, with brain injury, dizziness in, 1017
- Eating disorders, in sport climbers, (ab) 1029
- Edema, post-traumatic, formation of, high-voltage pulsed current effects on, 381
- Editorials
 Taking Stock: How Are We Doing?, 301
 Yes—You Are Reading the *Archives*, 603
- Education (medical)
 academic publishing characteristics in, 682
 for disability care, among non-physiatric physicians, (ab) 1072
 future trends in, 4
 for quadriplegic student, (ab) 1074
 residency programs in, (ab) 1047
 computerization in, (ab) 1054
 practice management issues in, (ab) 1058
 Sheldon Berrol Memorial Chautauqua, 210-211
 for sports medicine, 230
 subspecialization in, (ab) 1052
- Education (patient)
 on assistive devices, (ab) 595
 on back pain, 966
 for employment, in severe disability, (ab) 600
 in geriatric rehabilitation, techniques for, (ab) 1035
 information needs of, (ab) 597
 physiatrist in, (ab) 1058
 on pressure ulcers, in spinal cord injury, (ab) 1078
 on rheumatoid arthritis, 190
 on self-medication, (ab) 1069
- Effort, subject, coefficient of variation of, 516
- Effusion, knee, proprioception and, 566
- Ehlers-Danlos syndrome, gait abnormalities in, (ab) 1057
- Ejaculation, dysfunction of
 in quadriplegia, vibratory stimulation for, 59
 in spinal cord injury, semen extenders for, 446
- Elbow
 extension of, muscles involved in, in spinal cord injury, 426
 flexion of, with triceps-driven orthosis, (ab) 1070
 muscle injury in, intermittent pneumatic compression for, 744
 ulnar neuropathy at
 from burn injury, (ab) 1060
 treatment of, (ab) 1060
- Elderly persons. *See* Geriatric patients
- Electrical stimulation
 in cerebral palsy, gait effects of, (ab) 1038
 in deep venous thrombosis prevention, in stroke rehabilitation, 324
 frequencies of, muscle fiber effects of, (ab) 1026
 of knee collateral ligaments, 750
 in paraplegia, for standing-up, 876
 of respiratory muscles, in spinal cord injury, 266
 in spasticity, in spinal cord injury, (ab) 594
 of spinal cord, in circulation improvement, (ab) 1056
 in stroke, (ab) 1033
 transcutaneous. *See* Transcutaneous electrical nerve stimulation
 in wound healing, 1134
 of wrist flexor muscles, in cervical spinal cord injury, 929
- Electrocardiography, with pacemaker, transcutaneous electrical nerve stimulation effects on, (ab) 1059
- Electrodiagnosis. *See also* Electromyography; Nerve conduction studies
 bactrian sign in, (ab) 1043
 of carpal tunnel syndrome, 246, (ab) 1025
 of cervical paraspinal muscle disorders, (ab) 1043
 of cervical radiculopathy, in carpal tunnel syndrome, (ab) 1045
 of median nerve disorders, (ab) 1043
 of muscle fatigue, (ab) 1046
 neck flexion effect in, (ab) 1045
 of neuromuscular disease
 acquired, S-10
 anatomic and physiologic considerations in, S-3
 focal, S-10
 inherited, S-10
 multifocal, S-10
 muscular dystrophy, S-21
 polymyositis, S-21
 response resembling anomalous innervation, (ab) 1045
 of ulnar nerve disorders, (ab) 1025
 of weakness, in spinal cord injury, (ab) 1078
- Electromyography
 anatomic and physiologic considerations in, S-3
 in carpal tunnel syndrome, 246
 in cramp-fasciculation syndrome, (ab) 1043
 ends vs. means, 947
 in facial muscle fatigue, measurement of, 905
 in functional electrical stimulation, in stroke, (ab) 1033
 in genu recurvatum, in cerebral palsy, 558
 of hip muscles, in ankle eversion injury, 1138
 of knee muscles, strength training effects on, in stroke rehabilitation, 419
 in motor point phenol block evaluation, (ab) 1046
 in muscle fatigue, (ab) 1046
 neuromuscular junction localization in, (ab) 1045
 in post-polio syndrome, 989, (ab) 1026
 in quiet standing, 151
 of shoulder muscles, in weight relief raise, in paraplegia, 433
 in trunk exercise alignment analysis, 225
- Electrophysiology, of gag reflex, (ab) 1044
- Electrotherapy, in edema prevention, 381
- Embolism
 air, in brain injury, (ab) 1085

- pulmonary
in paraplegia, 387
in stroke, 324, (ab) 1082
- Emergency room, direct admission to rehabilitation from, (ab) 1026
- EMLA cream, sensory nerve conduction studies in, (ab) 1044
- Employment
after burn injury, (ab) 594
health care workers, bloodborne pathogen exposure in, (ab) 1054
injuries in
functional improvement prediction in, (ab) 1030
Workers' Compensation programs in, SC-10
knee injuries related to, in praying nuns, (ab) 1031
after musculoskeletal disorder rehabilitation, 950
with severe disability, (ab) 600, (ab) 1077
shoulder injuries in, nonorganic findings in, (ab) 1036
in spinal cord injury, personality characteristics and, (ab) 596
thoracic outlet syndrome in, (ab) 1046
in traumatic brain injury, quality of life and, 1103
- Encephalopathy
hypoxic-ischemic, in pediatric patients, outcome of, (ab) 1037
metabolic, snake hallucinations in, (ab) 1083
mitochondrial
mechanical ventilation in, 1014
rehabilitation in, (ab) 1083
muscular contractions in, hyperpyrexia from, 101
- Endocarditis, bacterial
back pain in, (ab) 1057
after laminectomy, (ab) 1057
- Endurance training, in quadriplegia, body position effects on, 139
- Energy storing properties, of prosthetic foot, 39
- Enterocystoplasty, spontaneous perforation of, in spinal cord injury, (ab) 1076
- Environmental barriers, to disabled persons, (ab) 1073
- Ependymoma, of spinal cord, (ab) 1078
- Epidural abscess, *Streptococcus canis* in, (ab) 1076
- Epidural hematoma, cauda equina syndrome in, (ab) 1080
- Epidural spinal cord stimulation, in circulation improvement, (ab) 1056
- Epithelialization, electrical stimulation of, 1134
- Ergometry
in cardiac disease, 257
crank, oxygen uptake in, in lower extremity disability, 642
- Errata
author name omission, 109
Ditunno photograph, 107
Electrodiagnostic Medicine, 704
marriage outcome after spinal cord injury, 397
permanent vegetative state, 397
- Error, in research evaluation, 82
- Erythralgia, in multiple sclerosis, (ab) 1061
- Erythrocyte sedimentation rate, in deep venous thrombosis, in paraplegia, (ab) 1078
- Esophagus, fistula of, in spinal fusion, (ab) 1075
- Ethics
in competency evaluation, 909
in research evaluation, 82
in severe neuromuscular disease, S-10
- Eversion injury, of ankle, hypermobility in, hip and ankle muscle electromyography in, 1138
- Evoked potentials, somatosensory
intraoperative, utility of, (ab) 1044
in quadriplegia, ambulation prognosis and, 635
- Exercise. *See also* Strength training
aerobic, in depression treatment, in disability, 647
ankle dorsiflexors, in geriatric patients, (ab) 1034
in back pain, 966
in cardiac rehabilitation, cycle ergometry in, 257
in fall prevention, in geriatric patients, (ab) 1058
halo traction loss in, (ab) 1076
intolerance to, in multiple sclerosis, 583
isokinetic, modified contralateral stabilization bar for, 177
isometric
after heart transplantation, sympathetic nerve activity in, (ab) 1024
for trunk, alignment for, 225
isotonic, in stroke, (ab) 1041
muscle injury in, intermittent pneumatic compression for, 744
in myocardial infarction, (ab) 1025
myocardial oxygen consumption in, 262
in obesity, lean body mass effects of, 65
pelvic muscle, in urinary incontinence, 1120
physiology of, S-3
in post-polio syndrome, (ab) 1036
strength recovery after, 989
- quadriceps
for geriatric patients, long-term results of, (ab) 1034
in stroke, (ab) 1041
in quadriplegia, body position effects on, 139
in rheumatoid arthritis, 190
in stroke, (ab) 1041
stroke volume in, 713
for wheelchair propulsion improvement, in pediatric patients, 368
- Exercise testing, arm crank ergometry in, in lower extremity disability, 642
- Experimental design, in research evaluation, 82
- Eye movement, assessment of, in minimally responsive state, 804
- F**
- Face
gustatory sweating in, after thoracic sympathectomy, 104
muscles of, fatigue of, 905
- Factor V mutation, stroke in, rehabilitation in, (ab) 1065
- Falls
causes of, in geriatric patients, 955, (ab) 1058
inpatient, locations of, (ab) 1071
in peripheral neuropathy, ankle inversion and eversion detection thresholds and, 850
postural control changes and, 961
prevention of, in geriatric patients, (ab) 1058
risk of, with rightward orienting bias, 924
sciatic neuropathy from, (ab) 1059
in stroke rehabilitation, 840
- Family
of brain injured person
contribution of, to quality of life, 1103
needs of, (ab) 1087
lifetime disability effects on, (ab) 596
of pediatric patient, involvement in subacute rehabilitation, SC-16
of spinal cord injury patient, psychologic perceptions of, (ab) 596
of stroke patient, depression in, (ab) 596
- Fasciculations, in cramp-fasciculation syndrome, electromyography in, (ab) 1043
- Fatigue
electrodiagnosis of, (ab) 1046
of facial muscles, measurement of, 905
in multiple sclerosis, 583
sleep disorders and, (ab) 1061
muscle fiber conduction velocity after, in geriatric patients, (ab) 1025
in myotonic dystrophy, gait abnormalities in, 33
reduction of, S-3
in weight training, (ab) 1060
of wrist flexor muscles, in cervical spinal cord injury, 929
- Feedback-based training
of grip force control, in brain injury, 653
in stroke rehabilitation, 508
in urinary incontinence treatment, 1120
- Feeding, tongue and jaw motions in, (ab) 1026
- Femoral artery, pseudoaneurysm of, femoral neuropathy in, (ab) 1064
- Femoral head, avascular necrosis of, rehabilitation in, S-47
- Femoral neuropathy
in brain injury, rehabilitation in, 480
in femoral artery pseudoaneurysm, (ab) 1064
- Femur
amputation at, gait in, 736
fractures of
in runners, (ab) 1029
in spinal cord injury, 823

- Fever**
 central, in brain injury, (ab) 1087
 from sustained muscle contractions, 101
- Fibroblasts**, electrical stimulation of, in wound healing, 1134
- Fibromyalgia**
 interstitial cystitis in, (ab) 1047
 juvenile, (ab) 1066
 rehabilitation in, (ab) 1049
 trigger points in
 algometry in, (ab) 1048
 injections in, (ab) 1046
- Finger(s)**
 motor performance evaluation of, handwriting analysis in, (ab) 1044
 spasticity of, botulinum toxin in, (ab) 1070, (ab) 1081
- Fistulas**
 perilymphatic, with brain injury, dizziness in, 1017
 tracheoesophageal, in spinal fusion, (ab) 1075
- Fixation**, in spinal fusion
 semirigid vs. rigid, (ab) 1031
 smoking and, (ab) 1031
- Flotation cushions**, in iliotibial band contractures, 695
- Fluoroscopy**, in spinal injection, complications of, (ab) 1032
- Foot**
 amputation in, skin breakdown after, 50
 insensate, plantar ulcer prevention in, (ab) 1072
 medial longitudinal arch measurement in, 45
 pain in, rehabilitation in, S-47
 pressure on
 during stair use, (ab) 1074
 walking cadence effect on, 1000
 prosthetic, bioenergetics of, 39
 stress fracture in, from phenol block, (ab) 1047
- Fractures**
 femoral shaft, in runners, (ab) 1029
 humeral neck, rehabilitation in, age considerations in, S-47
 limb, in spinal cord injury, 823
 spinal, motor recovery after, injury pattern and, 440
 stress
 osteoporotic, in anorexia, 884
 pelvic, after radiation therapy, (ab) 1028
 talar, from phenol block, (ab) 1047
- Free radicals**, in pressure ulcer pathogenesis, (ab) 1076
- Friedreich's ataxia**, S-10
- Frontal lobe lesions**, symptomatology of, in cerebellar stroke, (ab) 1033
- Functional assessment**
 at admission and discharge, 705
 in brain injury rehabilitation, 1103
 in case-mix measurement, 1163
 in connective tissue disease, S-32
 in disability, dimensionality and hierarchical structure of, 1152
 Functional Independence Measure in, (ab) 591
 interdisciplinary differences in, (ab) 593
 in joint disease, S-32
 in rehabilitation, with kidney end-stage disease, 355
 rehabs measurement system for, 113
 in stroke rehabilitation, 501
- Functional Independence Measure**
 in brain injury, vs. nursing effort, (ab) 593
 in brain injury rehabilitation, (ab) 592, 1103
 in cardiac rehabilitation assessment, (ab) 1057
 correlation with other measures, 113
 dementia influence on, (ab) 1053
 in disability evaluation, (ab) 594
 evaluation of, (ab) 591
 in rehabilitation, with kidney end-stage disease, 355
- Fusion**, spinal
 pain management in, (ab) 1037
 semirigid vs. rigid fixation in, (ab) 1031
 smoking effects on, (ab) 1031
 in spinal cord injury, tracheoesophageal fistula in, (ab) 1075
- F-wave**, neck flexion effects on, (ab) 1045
- G**
- Gag reflex**, electrophysiology of, (ab) 1044
- Gait**. *See also* Ambulation
 in cerebral palsy, electrical stimulation effects on, (ab) 1038
 in Ehlers-Danlos syndrome, (ab) 1057
 evaluation of, treadmill apparatus for, 772
 in hemiplegia, physiological reserve and, (ab) 1033
 initiation of, in stroke, limb loading in, 627
 in kidney transplant candidates, 547
 in limb length discrepancy, (ab) 1074
 in myotonic dystrophy, 33
 in olivopontocerebellar atrophy, (ab) 1069
 rotational abnormality of, dynamic causes of, (ab) 1047
 speed of, vs. activities of daily living function, in geriatric patients, 997
 with total hip prosthesis, 552
 in unilateral transfemoral amputation, 736
- Gait training**, in hemiplegia, home-based, (ab) 1034
- Ganglion cyst**, peroneal nerve palsy from, (ab) 1062
- Gastric dilatation**, in Duchenne muscular dystrophy, (ab) 1063
- Gastrocnemius muscle**, biomechanics of, during jumping, (ab) 1049
- Gastrostomy tube**, in spinal cord injury, (ab) 1077
- Genetic factors**, in neuromuscular disease, S-10
- Genu recurvatum**, in cerebral palsy, 558
- Geriatric patients**
 activities of daily living function in, vs. gait speed, 997
 driving performance in, cognitive factors in, (ab) 598
 exercise for
 ankle dorsiflexor strength increase in, (ab) 1034
 quadriceps, long-term results of, (ab) 1034
 falls in
 causes of, 955, (ab) 1058
 prevention of, (ab) 1058
 fatigue in, muscle fiber conduction velocity in, (ab) 1025
 female, independence in, physical determinants of, 373
 gait speed in, vs. activities of daily living function, 997
 hearing aid utilization in, (ab) 1034
 hip disarticulation in, prosthesis for, (ab) 1071
 humeral neck fractures in, rehabilitation in, S-47
 hypogonadism in, (ab) 1059
 low vision rehabilitation in, (ab) 592
 lower extremity nonarticulating prosthesis for, (ab) 1070
 mental status examination in, (ab) 1073
 postural control changes in, 961
 rehabilitation in, education techniques for, (ab) 1035
 sensory organization test in, reliability of, 77
 stance perturbation response in, 158
 standing balance in, biomechanics of, 151
 trunk movements in, during sit-to-stand, 844
 upper extremity performance test for, evaluation of, 1125
- Giant cell tumor**, leg pain in, (ab) 1052
- Glasgow Coma Scale**, in brain injury, predictive value of, 797, (ab) 1085
- Glenohumeral joint**, subluxation of, in hemiplegia, 857
- Glioblastoma multiforme**, metastasis to bone, (ab) 1028
- Gluteus medius hematoma**, in bone marrow biopsy, (ab) 1046
- Gold Key Award**, American Congress of Rehabilitation Medicine, 790
- Gold salts**, in rheumatoid arthritis, 190
- Golfing injuries**, incidence of, (ab) 1049
- Gout**, treatment of, S-47
- Government policy**, on rehabilitation research, 1093
- Granulomatosis**, Wegener's, rehabilitation in, (ab) 1058
- Gravity**, center of, aging effects on, 151
- Grip force control**, feedback-based training for, in brain injury, 653
- Grip strength**, in athletes, vs. radial bone mineral density, 234
- Group treatment**, in disability, (ab) 1054
- Guillain-Barré syndrome**
 differential diagnosis of, S-10
 sensory, 882
- Gunshot wounds**
 intracranial, (ab) 1067
 of spine
 economic impact of, (ab) 1077
 motor recovery after, injury pattern and, 440

Gustatory sweating, after thoracic sympathectomy, 104
Gynecologic issues, in disabilities, (ab) 1028

H

Hair, abnormal growth of, post-cast, 97
Hallucinations, herpetologic, in metabolic encephalopathy, (ab) 1083
Halo traction
 complications of, 865
 loss of, in exercise, (ab) 1076
Hand. *See also* Finger(s); Wrist
 deformities of, in systemic lupus erythematosus, S-32
 numbness of, differential diagnosis of, S-10
Handwriting
 analysis of, in digital motor activity evaluation, (ab) 1044
 kinematics of, (ab) 1074
Harness support, for treadmill, for gait evaluation, 772
Harris-Galante hip prosthesis, gait patterns with, 552
Headache, in occipital neuralgia, capsaicin in, (ab) 1051
Healing, wound, high-voltage galvanic stimulation of, 1134
Health care
 governmental policy on, 1093
 trends in, 4. *See also* Rehabilitation, in postacute care continuum
Health care workers, bloodborne pathogen exposure in, (ab) 1054
Health Status Questionnaire, in disability evaluation, (ab) 594
Hearing aid, utilization of, in geriatric patients, (ab) 1034
Heart
 stroke volume of, in exercise, 713
 transplantation of
 isometric exercise after, sympathetic nerve activity in, (ab) 1024
 rehabilitation in, (ab) 1055
 tilt tests after, sympathetic nerve activity in, (ab) 1025
Heart disease
 ergometry in, 257
 exercise training after, myocardial oxygen consumption in, 262
 prosthesis use with, (ab) 1071
Hemarthrosis, in reflex sympathetic dystrophy, (ab) 1037
Hematoma
 epidural, cauda equina syndrome in, (ab) 1080
 gluteus medius, in bone marrow biopsy, (ab) 1046
 piriformis muscle, (ab) 1047
 sciatic nerve impingement in, (ab) 597
 thigh, from transfers, in spinal cord injury, (ab) 1074
Hemiplegia
 diminished physiological reserve in, (ab) 1033
 finger spasticity in, botulinum toxin in, (ab) 1081
 gait training in, home-based, (ab) 1034
 shoulder subluxation in, 857
 treadmill performance in, (ab) 1033
Hemisling, in shoulder subluxation, in stroke, 763
Hemispherectomy, in seizures, in pediatric patients, (ab) 1066
Hemorrhage, intracranial
 liver enzymes in, (ab) 1040
 from mycotic aneurysm, 287
Heparin
 in deep venous thrombosis prevention, in stroke rehabilitation, 324
 hyperkalemia from, (ab) 1082
 thrombocytopenia from, white clot syndrome in, (ab) 1024
 in Trousseau's syndrome, (ab) 1068
Hereditary motor and sensory neuropathy, strength training in, 612
Herniation, of lumbar disk
 in pregnancy, 476
 in spinal cord injury, (ab) 1076
Herpes simplex virus infection, tracheobronchitis in, in quadriplegia, (ab) 1075
Herpes zoster virus infection, motor weakness from, rehabilitation in, (ab) 1060
Heterotopic ossification, treatment of, 284
Hiccups, in brain injury, cisapride in, (ab) 1085
Hip
 adductor spasticity in, in cerebral palsy, botulinum toxin in, (ab) 1065
 deformities of, in spinal cord injury, in pediatric patients, (ab) 1040
 disorders of, rehabilitation in, S-47
 flexor spasticity of, in brain injury, (ab) 1087

 motion of, in myotonic dystrophy, 33
 muscles of, electromyography of, in ankle eversion injury, 1138
 osteoarthritis of, rehabilitation in, S-47
 prosthesis for, gait patterns with, 552
 total arthroplasty of
 rehabilitation in, S-47
 sciatic neuropathy in, (ab) 1044
Histamine, in edema formation, high-voltage pulsed current and, 381
HIV infection. *See* Human immunodeficiency virus infection
Hormonal defects, in long-term childhood cancer survivors, trunk muscle strength and, 983
Housing
 after stroke rehabilitation, 331
 wheelchair-accessible, cost considerations in, 450
H-reflex, neck flexion effects on, (ab) 1045
Human immunodeficiency virus infection
 Kaposi's sarcoma in, prosthesis fitting with, (ab) 1072
 Karnofsky Performance Status scores in, (ab) 1028
 musculoskeletal disorders in, S-32
 neuropathy in, treatment of, S-10
Humerus, fracture of, at neck, rehabilitation in, age considerations in, S-47
Hydrocephalus, after brain injury, (ab) 1041
Hydroxocobalamin, delivery of, alternating current iontophoresis in, 463
Hydroxychloroquine, in rheumatoid arthritis, 190
Hyperemia, reactive, in sitting, 533
Hyperkalemia, from heparin, (ab) 1082
Hypermobility, in ankle eversion injury, hip and ankle muscle electromyography in, 1138
Hypermobility syndrome, (ab) 1047
Hyperpyrexia, from sustained muscle contractions, 101
Hypertension, in weight lifting, breathing technique influence on, 457
Hyperthyroidism, periodic paralysis in, 685
Hypertonia
 pendulum test in, video-based version of, 166
 spastic
 botulinum toxin in, complications of, (ab) 1069
 rehabilitation in, (ab) 1064
 in spinal cord injury, reduction of, 660
Hypertrichosis, post-cast, 97
Hypogonadism, in geriatric patients, (ab) 1059
Hypokalemic periodic paralysis, with Charcot-Marie-Tooth disease, (ab) 1062
Hypotension, orthostatic, in autonomic nervous system dysfunction, (ab) 1060
Hypothenar premotor potentials, of ulnar nerve, (ab) 1045
Hypotonia, in infants, electrodiagnosis of, S-10
Hypoxic-ischemic encephalopathy, in pediatric patients, rehabilitation in, outcome of, (ab) 1037
Hysterectomy, rate of, in disabled population, (ab) 1028

I

Idiopathic scoliosis, dynamic side-shift in, kinesiology of, 621
Iliotibial band contractures, flotation cushions for, 695
Immune function, in quadriplegia, (ab) 1032
Immunotherapy, in rheumatoid arthritis, 190
Impedance plethysmography, in deep venous thrombosis screening, 833
Inclusion body myositis, diagnosis of, S-21
Incontinence, urinary, behavioral treatment of, 1120
Independence, in women, physical determinants of, 373
Infection
 in multiple sclerosis exacerbation, (ab) 1061
 nosocomial, in rehabilitation, epidemiology of, (ab) 1054
 spinal, rehabilitation in, (ab) 1079
 urinary tract, in spinal cord injury, 272, (ab) 1032
Inflammation, in rheumatoid arthritis, management of, 190
Influenza vaccination
 in spinal cord injury, antibody response in, (ab) 1032
 transverse myelitis after, (ab) 1075
Infraspinatus muscle, function of, in weight relief raise, in paraplegia, 433
Injections
 botulinum toxin. *See* Botulinum toxin
 in soft tissue pain, (ab) 1051

- spinal, fluoroscopic guidance of, complications of, (ab) 1032
 trigger point, (ab) 1051
 in myofascial pain, (ab) 1046
- Innervation, anomalous, response resembling, in electrodiagnosis, (ab) 1045
- Inspiratory resistance breathing, abdominal muscles in, (ab) 1056
- Insufficiency fractures, of pelvis, after radiation therapy, (ab) 1028
- Insulin-like growth factor-1, serum, in post-polio syndrome, 732
- Insurance coverage
 future trends in, 4
 for rehabilitation
 payment method selection and, 349
 postacute. *See* Rehabilitation, in postacute care continuum
- Intellectual function, after brain injury, in pediatric patients, 17
- Interdisciplinary approach. *See* Team approach
- Intermittent positive pressure ventilation
 in amyotrophic lateral sclerosis, 828
 in spinal muscular atrophy, 213
- International Classification of Impairments, Disabilities, and Handicaps,
 selected items from, in disability assessment, 1152
- Interosseous nerve, anterior, latency of, in carpal tunnel syndrome, 471
- Iontophoresis, alternating current, in drug delivery, 463
- Ischemic myelopathy, rehabilitation in, (ab) 1075
- Ischemic threshold, in exercise training, after myocardial infarction, 262
- Ischial tuberosity, skin vascular reaction over, in sitting, 533
- Isokinetic exercise, modified contralateral stabilization bar for, 177
- Isokinetic testing, of knee, interlimb interaction in, (ab) 1048
- Isometric exercise
 after heart transplantation, sympathetic nerve activity in, (ab) 1024
 for trunk, alignment for, 225
- Isometric strength testing, coefficient of variation as subject effort measure
 in, 516
- Isotonic exercise, quadriceps
 for geriatric patients, long-term results of, (ab) 1034
 in stroke, (ab) 1041
- J**
- Jaw
 motion of, in feeding, (ab) 1026
 pain in, post-polio syndrome mimicking, (ab) 1036
- Joint(s)
 Charcot, in diabetes mellitus, (ab) 1049
 contractures of, in brain injury, surgical correction of, (ab) 1083
 disease of, rehabilitation in
 in limb disorders, S-47
 in spinal disease, S-41
 in systemic disease, S-32
 laxity of, in hypermobility syndrome, (ab) 1047
- Jumping, ankle biomechanics in, (ab) 1049
- K**
- Kaposi's sarcoma, prosthesis fitting near, (ab) 1072
- Karnofsky Performance Status, in HIV infection, (ab) 1028
- Kernohan-Woltman notch phenomenon, in brain injury, (ab) 1085
- Kidney
 end-stage disease of
 quadrilateral amputation in, outcome of, (ab) 1070
 rehabilitation in, outcome of, 355
 transplantation of
 candidates for, lower extremity muscle deficits in, 547
 transverse myelopathy reversal after, (ab) 1079
- Kinematics
 Ariel Performance Analysis System in, accuracy of, 183
 of dynamic side-shift, in idiopathic scoliosis, 621
 of genu recurvatum, in cerebral palsy, 558
 of handwriting, (ab) 1074
 of spine, in lifting, (ab) 1051
- Klebsiella pneumoniae*, in urinary tract infection, in spinal cord injury, (ab) 1032
- Knee
 Charcot, in diabetes mellitus, (ab) 1049
 collateral ligaments of, electrical stimulation of, 750
 deformities of, in cerebral palsy, 558
 effusion of, proprioception and, 566
 function of, strength training effects on, in stroke rehabilitation, 419
 hemarthrosis of, in reflex sympathetic dystrophy, (ab) 1037
 isokinetic evaluation of, interlimb interaction in, (ab) 1048
 ligamentous injury of, rehabilitation of, in brain injury, (ab) 1083
 osteoarthritis of, rehabilitation in, S-47
 pain in, reflexes in, 576
 total arthroplasty of
 in praying nuns, (ab) 1031
 rehabilitation in, S-47
- Knee-ankle-foot orthosis, in muscular dystrophy, 1156
- Kyphosis, thoracic, in low back pain, 218
- L**
- Labor and delivery, piriformis muscle hematoma in, sciatic nerve impingement in, (ab) 597
- Lactic acidosis, with mitochondrial encephalopathy, (ab) 1083
- Laminectomy, endocarditis after, (ab) 1057
- Landau-Kleffner syndrome, rehabilitation in, (ab) 1068
- Laryngeal muscles, decompositional motor unit analysis in, (ab) 1025
- Laser therapy, in urologic disorders, in spinal cord injury, (ab) 1039
- Latissimus dorsi muscle, function of, in weight relief raise, in paraplegia, 433
- Laxity, joint, in hypermobility syndrome, (ab) 1047
- Lean body mass, in obesity, exercise training and caloric restriction effects on, 65
- Lectro Patch, in drug delivery, 463
- Leg
 fractures of, in spinal cord injury, 823
 isokinetic exercise for, contralateral stabilization bar for, 177
 lengthening of, neuromuscular injury during, 467
 muscle reflexes in, responses of, to stance perturbation, aging effects on, 158
 pain in
 differential diagnosis of, S-10
 from giant cell tumor, (ab) 1052
 in osteomalacia, (ab) 1051
 in spinal degenerative disease, rehabilitation in, S-41
 pendulum test for, video-based version of, 166
- Legal issues, competency evaluation, 909
- Letters to editor
 academic productivity, 977
 acute and subacute stroke rehabilitation, 977
 anejaculation in quadriplegia, 889
 dysphagia screening test, 788
 needle electromyography, 701
 neurobiology of depressive symptoms, 1179
 rehabilitation value, 299
 Shelly Berrol, 789
 somatosensory evoked potentials, 978
 spinal cord injury skin complications, 299
 statistical hypothesis testing, 587
 stretching exercises, 587
 stroke rehabilitation, 889
 walking with stroke, 788
- Leukemia, piriformis infiltration in, (ab) 1047
- Level of Rehabilitation Scale-III, evaluation of, 705
- Lhermitte's sign, in spinal ependymoma, (ab) 1078
- Licht Award, American Congress of Rehabilitation Medicine, 794
- Life span, physical medicine and rehabilitation across, 1
- Lifting
 spinal kinematics in, (ab) 1051
 stroke risk in, 457
- Limb
 fractures of, in spinal cord injury, 823
 joint disorder of, rehabilitation in, S-47
 length discrepancy in, gait abnormalities in, (ab) 1074
 lengthening of, neuromuscular injury during, 467
- Limb loading, in gait initiation, in stroke, 627
- Linear regression and correlation, in research evaluation, 82
- Literature, rehabilitation, analysis of, (ab) 1058
- Lithium toxicity, tremor exacerbation in, (ab) 1068
- Liver enzymes, in stroke, (ab) 1040

- Locked-in syndrome
 definition of, 205
 sinemet in, 868
- Longitudinal arch, medial, measurement of, 45
- Lordosis, lumbar, in low back pain, 218
- Low vision, rehabilitation in, (ab) 592
- Lower extremity. *See also* Foot; Leg
 circulation of, spinal cord stimulation and, (ab) 1056
 disability of, crank ergometry in, oxygen uptake in, 642
 function of, after stroke, 27
 stabilization of, for wheelchair functional reach, 360
 strength of
 in below-knee amputation, stride characteristics and, (ab) 594
 in kidney transplant candidates, 547
- Lumbar spine
 discography of, complications of, (ab) 1050
 disk disease of
 in pregnancy, 476
 in spinal cord injury, (ab) 1076
 melanoma metastasis to, (ab) 1059
 radiculopathy of
 with intraspinal synovial cyst, 1011
 with spinal osteoid osteoma, (ab) 1031
 spondylolisthesis of, case reports of, (ab) 1049
 stenosis of, in diabetes mellitus, (ab) 1030
 strain of, from competitive sailing, (ab) 1028
- Lumbosacral fusion
 fixation in, semirigid vs. rigid, (ab) 1031
 pain management in, (ab) 1037
 smoking effects on, (ab) 1031
- Lung, transplantation of, rehabilitation in, (ab) 1056
- Lupus-like disease, vs. tetraparesis, 391
- Lyme disease, urinary retention in, 1171
- M**
- Magnetic resonance imaging
 in multifocal motor neuropathy, (ab) 597
 in traumatic back pain, with radiculopathy, (ab) 597
- Malnutrition, in stroke rehabilitation, 310
- Mammography, rate of, in disabled population, (ab) 1028
- Managed care systems
 postacute rehabilitation in
 ambulatory, SC-10
 physician role in, SC-5
 primary, in disabled population, (ab) 1053
- Manipulation, in back pain, 966
- Manual medicine, attitudes toward, (ab) 1027
- Marijuana use, in spinal cord injury, epidemiology of, 525
- Marriage
 vs. impairment type, (ab) 1072
 spinal cord injury effects on, 130
 spousal perceptions in, (ab) 596
- Massage therapy, breast pain after, (ab) 1037
- Mastectomy, radical, vs. breast conservation, shoulder mobility and, (ab) 1035
- Mastication, myofascial pain in, (ab) 1052
- Mechanical ventilation
 in mitochondrial encephalopathy syndrome, 1014
 in spinal muscular atrophy, 213
- Median nerve
 electrodiagnostic studies of, (ab) 1043
 moving two-point discrimination values for, in pediatric patients, (ab) 1065
 nerve conduction studies of
 in carpal tunnel syndrome, 246
 topical EMLA cream effects on, (ab) 1044
 unobtainable distal conduction results with, in carpal tunnel syndrome, 471
- Medicare, in rehabilitation, 349
 length of stay reductions in, SC-2
 specialty hospitals and, 413
- Melanoma, metastasis to lumbar spine, (ab) 1059
- Memory deficit
 in brain injury
 prediction of, (ab) 1086
 testing for, (ab) 1086
 prospective, in stroke, (ab) 599
- Menstrual disorders, in sport climbers, (ab) 1029
- Mental status evaluation, in geriatric patients, (ab) 1073
- Metabolic encephalopathy, snake hallucinations in, (ab) 1083
- Metabolic equivalent levels, in cardiac rehabilitation outcome assessment, (ab) 1057
- Metabolic rate
 in cerebral palsy, 281
 resting, in paraplegia, pressure sores effects on, 819
- Metaproterenol, muscular effects of, in spinal cord injury, 55
- Metastasis
 to bone
 from glioblastoma multiforme, (ab) 1028
 pain management in, (ab) 598
 to lumbar spine, (ab) 1059
 to piriformis muscle, (ab) 1047
- Metatarsals, amputation across, skin breakdown after, 50
- Methamine mandelate, in urinary tract infection, in spinal cord injury, 272
- Methotrexate, in rheumatoid arthritis, 190
- Methylphenidate
 in cognitive dysfunction, in brain injury, (ab) 1041
 side effects of, (ab) 1069
- Methylprednisolone, in pediatric patients, consequences of, (ab) 1066
- Metoclopramide, tardive dyskinesia from, rehabilitation in, (ab) 1064
- Micturition, functional magnetic, in spinal cord injury, (ab) 1039
- Midpalmar test, in electrodiagnosis, (ab) 1043
- Mineral density, of radius, vs. grip strength, in athletes, 234
- Minimally responsive state
 definition of, 205
 evaluation of, (ab) 1084
 outcome of, (ab) 597
 vision assessment in, 804
- Mini-Mental Status Examination, in geriatric patients, (ab) 1073
- Mitochondrial encephalopathy
 mechanical ventilation in, 1014
 rehabilitation in, (ab) 1083
- Mobile outreach program, for rehabilitation, consumer satisfaction with, 899
- Morphine, intrathecal
 in adhesive arachnoiditis, (ab) 1051
 after spinal fusion, (ab) 1037
- Motor neuropathy
 multifocal, magnetic resonance imaging in, (ab) 597
 with sensory neuropathy, strength training in, 612
- Motor performance
 in brain injury
 Kernohan-Woltman notch phenomenon, (ab) 1085
 in pediatric patients, 17
 of fingers, handwriting analysis in, (ab) 1044
 in kidney transplant candidates, 547
 in spinal cord injury, injury pattern and, 440
 in stroke, right vs. left hemisphere, 1144
- Motor point phenol block, electromyographic evaluation of, (ab) 1046
- Motor unit analysis, in laryngeal muscles, (ab) 1025
- Motor unit potentials, in neuromuscular disease, S-3
- Multidisciplinary team. *See* Team approach
- Multifocal motor neuropathy
 differential diagnosis of, S-10
 magnetic resonance imaging in, (ab) 597
- Multiple sclerosis
 erythralgia in, (ab) 1061
 exacerbation of, in infection, (ab) 1061
 fatigue in, 583
 sleep disorders and, (ab) 1061
 health care needs in, in rural areas, (ab) 1035
 home health care and equipment utilization in, (ab) 1036
 rehabilitation in, utilization statistics in, (ab) 1035
 thalamotomy in, speech improvement in, (ab) 1062

- Muscle(s)**
 anatomy and physiology of, S-3
 contractions of, hyperpyrexia in, 101
 cramp-fasciculation syndrome of, electromyography in, (ab) 1043
 disease of, diagnosis of, S-21
 facial, fatigue of, measurement of, 905
 fatigue of
 electrodiagnosis of, (ab) 1046
 in weight training, (ab) 1060
 imbalance of, in post-polio syndrome, 94
 lean mass of, in obesity, exercise training and caloric restriction effects on, 65
 leg, reflex responses to, in stance perturbation, aging effects on, 158
 paraspinal, electrodiagnostic studies of, (ab) 1043
 relaxation techniques for, (ab) 1048
 respiratory, stimulation of, in spinal cord injury, 266
 spasticity of. *See* Spasticity
 spinal, atrophy of, ventilatory support for, 213
 strength of. *See* Strength
 sympathetic nerve activity in, after heart transplantation, (ab) 1024-(ab) 1025
 thigh, blood flow measurement in, in spinal cord injury, (ab) 1039
 weakness of. *See* Weakness
- Muscle fibers**
 conduction velocity of, after fatigue, in geriatric patients, (ab) 1025
 electrical stimulation frequencies effects on, (ab) 1026
- Muscular dystrophy**
 diagnosis of, S-21
 gastric dilatation in, (ab) 1063
 iliotibial band contractures in, flotation cushions for, 695
 knee-ankle-foot orthosis for, 1156
 management of, S-21
 natural history of, S-21
- Musculoskeletal disorders, rehabilitation in, employment after, 950**
- Mutism, akinetic, definition of, 205**
- Mycotic aneurysm, rupture of, 287**
- Myelitis, transverse**
 after influenza vaccination, (ab) 1075
 in Lyme disease, urinary retention in, 1171
 with speech disorder, rehabilitation in, (ab) 1064
- Myelopathy**
 from arachnoid cyst, (ab) 1039
 cervical, progressive, imaging of, (ab) 1050
 cervical spondylotic, outcome of, (ab) 1063
 decompression, in scuba divers, (ab) 1033
 ischemic, rehabilitation in, (ab) 1075
 transverse, reversal of, after kidney transplantation, (ab) 1079
- Myocardial infarction, exercise in, (ab) 1025**
- Myocardial oxygen consumption in, 262**
- Myoclonus**
 nocturnal, in post-polio syndrome, (ab) 594
 in spinal cord injury, (ab) 1075
- Myofascial pain**
 masticatory, (ab) 1052
 trigger point injections in, (ab) 1046
- Myopathy**
 in HIV infection, S-32
 steroid-induced, diagnosis of, S-21
- Myositis, differential diagnosis of, S-21**
- Myotomes, in electrodiagnosis, of neuromuscular disease, S-3**
- Myotonic dystrophy**
 gait characterization in, 33
 strength training in, 612
- N**
- Natural killer cell function, in quadriplegia, (ab) 1032**
- Nausea, in cerebellar stroke, management of, (ab) 1080**
- Neck. *See also* Cervical spine**
 flexion of, F-wave and H-reflex effects of, (ab) 1045
 paraspinal muscles of, electrodiagnostic studies of, (ab) 1043
- Necrosis, avascular, in spinal cord injury, (ab) 1075**
- Neglect, unilateral**
 accident risk with, 924
 in stroke, (ab) 1081
- Neomycin, in urinary tract infection, in spinal cord injury, 272**
- Nerve(s)**
 anatomy and physiology of, S-3
 disease of
 acquired, S-10
 focal, S-10
 inherited, S-10
 multifocal, S-10
 Nerve blocks, in soft tissue pain, (ab) 1051
 Nerve conduction studies
 in carpal tunnel syndrome, 246
 limitations of, S-10
 topical EMLA cream effects on, (ab) 1044
 Nerve roots
 blocks for, fluoroscopic guidance of, complications of, (ab) 1032
 disorders of. *See* Radiculopathy
 Neuralgia, occipital, capsaicin cream in, (ab) 1051
 Neurapraxia, vs. conduction block, S-3
 Neurobehavioral Cognitive Status Examination, in stroke, 719
 Neurobehavioral status, after brain injury, in pediatric patients, 17
 Neuroborreliosis, urinary retention in, 1171
 Neurofibromatosis, rehabilitation in, (ab) 1060
- Neuromuscular disease**
 acquired, S-10
 anatomy of, S-3
 focal, S-10
 inherited, S-10
 multifocal, S-10
 physiology of, S-3
- Neuromuscular function, in post-polio syndrome, 989**
- Neuromuscular junction, localization of, electromyography in, (ab) 1045**
- Neuropathy. *See also* Polyneuropathy**
 ankle inversion and eversion detection thresholds and, 850
 autonomic, symptoms of, S-10
 in critical illness, S-10, 688
 diabetic, pathophysiology and treatment of, S-10
 differential diagnosis of, S-10
 femoral
 in brain injury, rehabilitation in, 480
 in femoral artery pseudoaneurysm, (ab) 1064
 hereditary motor and sensory, strength training in, 612
 in HIV infection, treatment of, S-10
 motor, multifocal, magnetic resonance imaging in, (ab) 597
 optic, in brain injury, (ab) 1082
 peripheral
 ankle inversion and eversion detection thresholds and, 850
 in Castleman's disease, 692
 pain in, S-10
 silicone breast implants and, (ab) 1061
 peroneal
 from cysts, (ab) 1062
 in femoral artery pseudoaneurysm, (ab) 1064
 sciatic
 from fall, (ab) 1059
 metastasis presenting as, (ab) 1047
 in piriformis hematoma, (ab) 597
 in total hip arthroplasty, (ab) 1044
 ulnar, at elbow
 from burn injury, (ab) 1060
 treatment of, (ab) 1060
 in vasculitis, S-10
- Nitrofurantoin, in urinary tract infection, in spinal cord injury, 272**
- Nocturnal myoclonus, in post-polio syndrome, (ab) 594**
- Nocturnal positioning, in stroke, (ab) 599**
- Nonsteroidal anti-inflammatory drugs, in rheumatoid arthritis, 190**
- Nosocomial infections, in rehabilitation, epidemiology of, (ab) 1054**
- Numbness, of hand, differential diagnosis of, S-10**
- Nuns, kneeling, knee arthroplasty incidence in, (ab) 1031**
- Nursing effort, vs. disability rating, in brain injury, (ab) 593**
- Nutrition, in rheumatoid arthritis, 190**

O

- Obesity**
 in brain injury, (ab) 1086
 in cerebral palsy, 281
 lean muscle mass in, exercise training and caloric restriction effects on, 65
- Obsessive compulsive disorder**, in brain injury, (ab) 1088
- Occipital lobe**, status epilepticus of, in brain injury, (ab) 1085
- Occipital neuralgia**, capsaicin cream in, (ab) 1051
- Occupation**. *See* Employment
- Olivopontocerebellar atrophy**, amantidine in, (ab) 1069
- Opsoclonus-myoclonus syndrome**, in coxsackie B virus infection, (ab) 1063
- Optic neuropathy**, in brain injury, (ab) 1082
- Oral contraceptives**, in disabled population, (ab) 1028
- Orgasm**, in spinal cord injury, in women, 1097
- Orphenadrine citrate**, in spastic hypertonia, reduction of, 660
- Orthosis**
 gait, reciprocating, 779
 halo, complications of, 865
 knee-ankle-foot, in muscular dystrophy, 1156
 triceps-driven, in central cord syndrome, (ab) 1070
- Orthostatic hypotension**, in autonomic nervous system dysfunction, (ab) 1060
- Ossification**, heterotopic, treatment of, 284
- Osteoarthritis**, hip, rehabilitation in, S-47
- Osteoid osteoma**, spinal, lumbar radiculopathy with, (ab) 1031
- Osteomalacia**, chronic pain in, (ab) 1051
- Osteomyelitis**, spinal, rehabilitation in, (ab) 1079
- Osteoporosis**
 in anorexia, stress fractures in, 884
 in sport climbers, (ab) 1029
- Outcome assessment**
 brain injury, (ab) 597
 early variables and, 797
 substance abuse and, 302
 Supervision Rating Scale in, (ab) 592
 traumatic, (ab) 1042, 1103
 cardiac rehabilitation, (ab) 1057
 cardiac surgery, (ab) 1024
 cervical radiculopathy, (ab) 1062
 hypoxic-ischemic encephalopathy, (ab) 1037
 kidney end-stage disease complicating, 355
 marriage status, in spinal cord injury, 130
 multiple levels of rehabilitation care, (ab) 1027
 in postacute rehabilitation, SC-21
 Rasch analysis for, methods for, 934
 shaken baby syndrome rehabilitation, (ab) 1027
 spinal cord injury
 personality characteristics and, (ab) 596
 vs. post-acute healthcare experiences, (ab) 596
 stroke, 399
 vs. levels of care, (ab) 1040
 prospective memory deficit in, (ab) 599
 transcutaneous electrical nerve stimulation, (ab) 1052
- Outpatient care**
 in disability, 341
 trends in, SC-10
- Oxford technique**, muscle fatigue in, (ab) 1060
- Oximetry**, in ventilation weaning, (ab) 1056
- Oxybutynin**, bladder rupture associated with, (ab) 1068
- Oxygen**, abnormal utilization of, in multiple sclerosis, 583
- Oxygen consumption**, myocardial, in exercise training, after myocardial infarction, 262
- Oxygen uptake**
 in crank ergometry, in lower extremity disability, 642
 in exercise, 713

P

- Pacemakers**, transcutaneous electrical nerve stimulation with, (ab) 1051, (ab) 1059
- Pain**
 in adhesive arachnoiditis, intrathecal morphine in, (ab) 1051
 back. *See* Back pain

- in bone metastasis, management of, (ab) 598
- breast, after massage therapy, (ab) 1037
- chronic
 osteomalacia in, (ab) 1051
 weight alteration in, (ab) 1052
- in electromyography, 947
- in fibromyalgia, algometry in, (ab) 1048
- foot, rehabilitation in, S-47
- in hypermobility syndrome, (ab) 1047
- jaw, post-polio syndrome mimicking, (ab) 1036
- knee, reflexes in, 576
- leg
 differential diagnosis of, S-10
 from giant cell tumor, (ab) 1052
 in osteomalacia, (ab) 1051
 in spinal degenerative disease, rehabilitation in, S-41
- lumbar, in pregnancy, (ab) 1048
- management of
 in sexually abused women, (ab) 1036
 transcutaneous electrical nerve stimulation in, with pacemaker, (ab) 1051
 in work-related injuries, functional improvement prediction in, (ab) 1030
- myofascial
 in chewing, (ab) 1052
 trigger point injections in, (ab) 1046
- in occipital neuralgia, capsaicin in, (ab) 1051
- in peripheral neuropathy, diagnostic significance of, S-10
- in rheumatoid arthritis, management of, 190
- in sciatica, epidural steroid injections in, (ab) 1037
- shoulder
 in paraplegia, imaging in, (ab) 1032
 rehabilitation in, S-47
- soft tissue, injection techniques in, (ab) 1051
- in spinal fusion, (ab) 1037
- testicular, in polyarteritis nodosa, (ab) 1057
- thigh, in anticoagulation, S-10
- at trigger points
 activation of, calcium channel blockers in, (ab) 1048
 in fibromyalgia, algometry in, (ab) 1048
 injection in, (ab) 1046, (ab) 1051
- Paralysis**
 periodic, in thyrotoxicosis, 685
 periodic hypokalemic, with Charcot-Marie-Tooth disease, (ab) 1062
 in spinal cord injury, muscle strength in, beta-2 adrenergic agonists effects on, 55
- Paraplegia**
 above-knee amputation with, prosthesis for, 290
 deep venous thrombosis in, erythrocyte sedimentation rate in, (ab) 1078
 resting metabolic rate in, pressure sores effects on, 819
 shoulder imaging in, (ab) 1032
 shoulder muscle function in, during weight relief raise, 433
 with spondyloepiphyseal dysplasia, rehabilitation in, (ab) 1080
 standing-up in, electrical stimulation for, 876
- Paraspinal muscles**, cervical, electrodiagnostic studies of, (ab) 1043
- Parasympathetic nervous system**, dysfunction of, in post-polio syndrome, (ab) 594
- Paravertebral plexus distension**, in pregnancy, (ab) 1048
- Paresthesia**, in alcoholism, treatment of, S-10
- Patello-femoral dysfunction**, pain in, reflexes in, 576
- Patient Evaluation and Conference System**, correlation with other measures, 113
- Payment systems**, for rehabilitation, 349, (ab) 1053
 case-mix measurement in, 1163
- Pectoral muscles**
 in elbow extension, in spinal cord injury, 426
 function of, in weight relief raise, in paraplegia, 433
- Pediatric patients**
 amputation in, rehabilitation in, (ab) 1067
 arachnodactyly in, arthrogryposis with, (ab) 1065
 back strength in, (ab) 1046
 brain injury in
 from BB pellets, (ab) 1067

- central fever in, (ab) 1087
- three-year recovery trends in, 17
- as cancer survivors, trunk muscle strength of, 983
- cerebral palsy in, genu recurvatum in, 558
- conversion disorder in, behavioral management of, (ab) 1067
- corticosteroid with vecuronium use in, (ab) 1066
- disability in
 - death causes in, (ab) 1038
 - evaluation of, 913
- dorsal rhizotomy in, (ab) 1067
- fibromyalgia in, (ab) 1066
- Guillain-Barré syndrome in, S-10
- hypotonia in, electrodiagnosis of, S-10
- hypoxic-ischemic encephalopathy in, rehabilitation in, outcome of, (ab) 1037
- Landau-Kleffner syndrome in, (ab) 1068
- mitochondrial encephalopathy syndrome in, mechanical ventilation in, 1014
- moving two-point discrimination values in, (ab) 1065
- recreation for, (ab) 1066
- reflex sympathetic dystrophy in, (ab) 1067
- seizures in, hemispherectomy in, (ab) 1066
- shaken baby syndrome in, outcome of, (ab) 1027
- spinal cord injury in
 - bowel management in, (ab) 1065
 - deep venous thrombosis in, (ab) 1067
 - epidemiology of, (ab) 1027
 - hip deformities in, (ab) 1040
 - stroke in, rehabilitation in, with factor V mutation, (ab) 1065
 - subacute rehabilitation in, SC-16
 - wheelchair propulsion in, resistance training for, 368
- Pelvic muscle exercises, in urinary incontinence, 1120
- Pelvic tilt, in low back pain, 218
- Pelvis
 - alignment of, for trunk exercises, 225
 - stress fractures of
 - after radiation therapy, (ab) 1028
 - in running, (ab) 1049
 - venous plexus distension in, in pregnancy, (ab) 1048
- Pendulum test, video-based version of, 166
- Pepper, cayenne, in dysphagia, in stroke, (ab) 596
- Percutaneous endoscopic gastrostomy tube, in spinal cord injury, (ab) 1077
- Perilymphatic fistula, with brain injury, dizziness in, 1017
- Periodic paralysis
 - hypokalemic, with Charcot-Marie-Tooth disease, (ab) 1062
 - in thyrotoxicosis, 685
- Peripheral neuropathy
 - ankle inversion and eversion detection thresholds and, 850
 - in Castleman's disease, 692
 - pain in, diagnostic significance of, S-10
 - silicone breast implants and, (ab) 1061
- Peroneal neuropathy
 - from cysts, (ab) 1062
 - in femoral artery pseudoaneurysm, (ab) 1064
- Persistent vegetative state, definition of, 205
- Personal assistance care, in quadriplegia, 919
- Personality, in spinal cord injury, employment and, (ab) 596
- Pharyngeal bolus transport, finite element analysis of, (ab) 1073
- Phenol block
 - motor point, electromyographic evaluation of, (ab) 1046
 - talus stress fracture from, (ab) 1047
- Physiatry
 - education for, sports medicine residency programs in, 230
 - evolving roles of, (ab) 1054
 - future of, 4
 - vs. multidisciplinary team, for outpatient planning, in disability, 341
- Physical medicine, subspecialization in, (ab) 1052
- Physical restraints, in rehabilitation, (ab) 1073
- Physiological reserve, in hemiparetic stroke, (ab) 1033
- Piriformis muscle, hematoma of, sciatic nerve impingement in, (ab) 597
- Piriformis syndrome, metastasis presenting as, (ab) 1047
- Pitching performance, baseball, cervical spine influence on, (ab) 1029
- Plantar pressure
 - during stair use, (ab) 1074
 - walking cadence effect on, 1000
- Plantar ulcers, in insensate foot, prevention of, (ab) 1072
- Plethysmography, impedance, in deep venous thrombosis screening, 833
- Pneumococcal sepsis, quadrimemberal amputation after, (ab) 1071
- POEMS syndrome, 692
- Poliomyelitis
 - late effects of. *See* Post-polio syndrome
 - paralytic, treatment of, (ab) 1061
- Polyarteritis nodosa, testicular pain in, (ab) 1057
- Polymyositis, diagnosis of, S-21
- Polyneuropathy
 - in Castleman's disease, 692
 - classification of, S-10
 - critical illness, S-10, 688
 - differential diagnosis of, S-10
 - in sarcoidosis, (ab) 1063
 - ulnar nerve electrodiagnostic studies in, (ab) 1025
- Polysomnography, in stroke, 71
- Porphyria, acute intermittent, rehabilitation in, (ab) 598
- Positioning, nocturnal, in stroke, (ab) 599
- Positron emission tomography, in thigh muscle blood flow measurement, in spinal cord injury, (ab) 1039
- Postacute care, rehabilitation in. *See* Rehabilitation, in postacute care continuum
- Posterior interosseous syndrome, in lumbar discography, (ab) 1050
- Post-polio syndrome
 - cervical radiculopathy in, 94
 - electromyography in, 989, (ab) 1026
 - exercise for, (ab) 1036
 - mimicking temporomandibular joint dysfunction, (ab) 1036
 - nocturnal myoclonus in, (ab) 594
 - parasympathetic abnormalities in, (ab) 594
 - rehabilitation in, governmental policy on, 1093
 - serum insulin-like growth factor-1 in, 732
 - tricyclic antidepressants in, (ab) 1064
- Postural Stress Test, in stroke, evaluation of, 317
- Posture
 - biomechanics of, aging effects on, 151
 - control of, age-related changes in, 961
 - in low back pain, 218
 - trunk muscle strength effects of, 604
- Pregnancy
 - lumbar disk herniation in, 476
 - lumbar pain in, (ab) 1048
- Pressure ulcers
 - in insensate foot, prevention of, (ab) 1072
 - in paraplegia, resting metabolic rate and, 819
 - pathogenesis of, free radicals in, (ab) 1076
 - in spinal cord injury, (ab) 593
 - education on, (ab) 1078
 - temperature-modulated, 666
- Probability, in research evaluation, 82
- Process skills, in stroke, right vs. left hemisphere, 1144
- Prolactin levels, in seizures, in brain injury, (ab) 1084
- Propranolol, withdrawal of, post-traumatic agitation and, (ab) 1068
- Proprioception
 - knee effusion effects on, 566
 - neuropathy effects on, 850
- Prospective memory, deficit in, in stroke, (ab) 599
- Prostate cancer, radiation therapy in, neuromuscular effects of, (ab) 1035
- Prosthesis
 - above-knee
 - fitting of, 290
 - gait with, 736
 - foot, bioenergetics of, 39
 - hip, gait patterns with, 552
 - hip disarticulation, (ab) 1071
 - with low ejection fraction, (ab) 1071
 - lower extremity, nonarticulating, (ab) 1070
 - in presence of Kaposi's sarcoma, fitting technique for, (ab) 1072
- Protein C deficiency, stroke in, (ab) 1081

Proteor energy-storing foot prosthesis, bioenergetics of, 39
 Proton magnetic spectroscopy, in traumatic brain injury, for outcome evaluation, (ab) 1042
 Pseudoaneurysm, of femoral artery, femoral neuropathy in, (ab) 1064
 Psoriatic arthritis, in HIV infection, S-32
 Psychiatric evaluation, for competency, 909
 Psychological issues
 in brain injury
 quality of life and, 1103
 substance abuse and, (ab) 592
 in spinal cord injury, (ab) 596
 in stroke, assessment of, 719
 Psychosis, from halo orthosis, 865
 Publishing, by academics, 682
 Pulmonary embolism
 in paraplegia, 387
 prevention of, in stroke rehabilitation, 324
 in stroke, (ab) 1082
 Pulmonary function testing, in amyotrophic lateral sclerosis, 828
 Pulsed current, high-voltage, in edema prevention, 381

Q

Quadriceps muscles
 exercise for
 for geriatric patients, long-term results of, (ab) 1034
 in stroke, (ab) 1041
 weakness of, in herpes zoster virus infection, (ab) 1060
 Quadripareisis, great mimicry in, 391
 Quadriplegia
 aerobic training in, body position effects on, 139
 ambulation prognosis in, somatosensory evoked potentials in, 635
 axillosubclavian vein thrombosis in, (ab) 1080
 elbow extension in, muscles involved in, 426
 herpetic tracheobronchitis in, (ab) 1075
 medical education during, (ab) 1074
 natural killer cell function in, (ab) 1032
 personal assistance care for, 919
 sexual dysfunction in, vibratory stimulation for, 59
 spastic, upper extremity deformities in, botulinum toxin in, (ab) 1066
 transient traumatic, 1006
 urinary diversion in, 758
 Quality of life, in traumatic brain injury, 1113

R

Radiation therapy
 brachial plexus injury in, breast cancer recurrence in, 974
 in heterotopic ossification, 284
 pelvic insufficiency fractures after, (ab) 1028
 in prostate cancer, neuromuscular effects of, (ab) 1035
 Radical mastectomy, vs. breast conservation, shoulder mobility and, (ab) 1035
 Radiculopathy
 cervical
 in carpal tunnel syndrome, (ab) 1045
 outcome of, (ab) 1062
 after poliomyelitis, 94
 electrodiagnosis of, S-3
 lumbar
 in melanoma metastasis, (ab) 1059
 with spinal osteoid osteoma, (ab) 1031
 lumbar-sacral, in intraspinal synovial cyst, 1011
 with traumatic back pain, magnetic resonance imaging in, (ab) 597
 Radius, mineral density of, vs. grip strength, in athletes, 234
 Rasch analysis
 of outcome, methods for, 934
 of rehabilitation level, 705
 Reciprocating gait orthosis, usage patterns of, 779
 Reengineering, in rehabilitation, (ab) 591
 Reflex(es)
 gag, electrophysiology of, (ab) 1044
 knee pain effects on, 576
 leg muscle, responses of, to stance perturbation, aging effects on, 158
 Reflex sympathetic dystrophy
 hemarthrosis in, (ab) 1037
 in pediatric patients, (ab) 1067
 shoulder problems in, 239
 sympathectomy in, gustatory sweating after, 104
 Rehabilitation
 acute intermittent porphyria, (ab) 598
 admission to, from emergency room, (ab) 1026
 ambulatory, SC-10
 amputation
 above-knee, after reconstruction, (ab) 1067
 transmetatarsal, skin breakdown and, 50
 ankylosing spondylitis, S-41
 antibiotic use in, (ab) 1059
 autonomic nervous system dysfunction, (ab) 1060
 avascular necrosis of femoral head, S-47
 back pain, admission from emergency room, (ab) 1026
 bloodborne pathogen exposure in, (ab) 1054
 brain injury
 admission from emergency room, (ab) 1026
 with blindness, (ab) 1088
 critical pathways in, (ab) 598
 deep vein thrombosis in, incidence of, (ab) 1024
 evaluation of, (ab) 592
 family needs in, (ab) 1087
 with femoral neuropathy, 480
 outcome of, prediction of, 797
 predictive value of early variables, 797
 severe, functional outcome in, 1103
 social functioning after, (ab) 592
 subacute, (ab) 1087
 substance abuse and, 302
 breast cancer surgery, (ab) 1035
 cardiac
 in acute myocardial infarction, (ab) 1025
 ergometry in, 257
 with lower extremity amputation, (ab) 1056
 outcome of, (ab) 1057
 after transplantation, (ab) 1055
 cardiac surgery, outcome of, (ab) 1024
 case-mix measurement in, 1163
 Charcot-Marie-Tooth disease with hypokalemic periodic paralysis, (ab) 1062
 competency evaluation in, 909
 connective tissue disease, S-32
 consistency of care in, (ab) 1026
 dance therapy in, (ab) 1082
 education for, sports medicine residency programs in, 230
 education techniques for, in geriatric patients, (ab) 1035
 failed prescriptions for, (ab) 1074
 fibromyalgia, (ab) 1049
 functional assessment in, interdisciplinary differences in, (ab) 593
 future trends in, 4
 group treatment in, (ab) 1054
 hearing aid utilization in, (ab) 1034
 hip disorders, S-47
 HIV infection, S-32
 humeral neck fractures, age considerations in, S-47
 hypokalemic periodic paralysis with Charcot-Marie-Tooth disease, (ab) 1062
 hypoxic-ischemic encephalopathy, in pediatric patients, (ab) 1037
 joint disease
 limb, S-47
 spinal, S-41
 in systemic disease, S-32
 kidney end-stage disease, outcome of, 355
 knee ligamentous injury, in brain injury, (ab) 1083
 knee osteoarthritis, S-47
 Landau-Kleffner syndrome, (ab) 1068
 level of, Rasch analysis of, 705
 across life span, 1
 lifetime disability effects on, (ab) 596
 literature of, analysis of, (ab) 1058

- low vision, (ab) 592
lung transplantation, (ab) 1056
medical complications in, (ab) 1054
 death and emergency transfers in, (ab) 1026, (ab) 1053–(ab) 1054
 mitochondrial encephalopathy, (ab) 1083
 mobile outreach program for, consumer satisfaction with, 899
 motor weakness, in herpes zoster virus infection, (ab) 1060
 multiple levels of care in, outcome of, (ab) 1027
 multiple sclerosis, utilization statistics in, (ab) 1035
 musculoskeletal disorders, employment after, 950
 neurofibromatosis, (ab) 1060
 nosocomial infection in, epidemiology of, (ab) 1054
 osteoarthritis, S–47
 patient goals in, (ab) 1053
 patient satisfaction measurement in, (ab) 599
 payment systems for, 349, (ab) 1053
 physical restraints in, (ab) 1073
 in poliomyelitis, (ab) 1061
in postacute care continuum
 ambulatory, SC–10
 cost-effectiveness measurement in, SC–2
 evolution of, SC–2
 industry reorganization and, SC–2
 of injured workers, SC–10
 in managed care environment, SC–10
 outcome assessment in, SC–21
 of pediatric patients, SC–16
 physician role in, SC–5
 reimbursement dynamics in, SC–2
 risk management in, SC–5
post-polio syndrome, government policy on, 1093
quadrimemberal amputation, (ab) 1070–(ab) 1071
reengineering in, (ab) 591
referral for, (ab) 1027
 by non-physiatric physicians, (ab) 1072–(ab) 1073
research in. *See* Research
resource utilization in, (ab) 595
rheumatoid arthritis, S–32, 190
sacrectomy, (ab) 1070
scleroderma, S–32
shaken baby syndrome, (ab) 1027
shoulder disorders, S–47
spastic hypertonia, (ab) 1064
specialty hospitals for, performance of, vs. ownership, 413
spinal cord infarction, (ab) 1075
spinal degenerative disease, S–41
spinal infection, (ab) 1079
spinal stenosis, S–41
spondyloarthropathy, S–41
spondyloepiphyseal dysplasia, with paraplegia, (ab) 1080
spondylosis, S–41
standing balance in, 994
stroke
 acute, vs. subacute, 495
 biofeedback therapy in, 508
 cerebellar, (ab) 1080
 deep vein thrombosis prevention in, 324
 disability index for, 501
 discharge housing after, 331
 fall-related injuries in, 840
 inpatient, efficiency of, (ab) 1033
 levels of care in, outcome of, (ab) 1040
 malnutrition in, 310
 outcome of, 399
 in pediatric patients, with factor V mutation, (ab) 1065
 recovery time course of, 406
 right hemisphere, (ab) 1082
 strength training in, 419
 subacute, vs. acute, 495
 in young patients, (ab) 1080
 subspecialization in, (ab) 1052
 systemic lupus erythematosus, S–32
 tardive dyskinesia, (ab) 1064
 team approach in, vs. medical care, (ab) 599
 tetanus, (ab) 1061
 total hip arthroplasty, S–47
 transverse myelitis, with speech disorder, (ab) 1064
 visual impairment, in geriatric patients, (ab) 592
 Wegener's granulomatosis, (ab) 1058
 white clot syndrome, (ab) 1024
Rehabilitation Activities Profile, in stroke rehabilitation, 501
Rehabilitation technicians, in team approach, (ab) 600
Rehabs, as functional assessment common language, 113
Reiter's syndrome, in HIV infection, S–32
Relaxation, muscle, techniques for, (ab) 1048
Renal disease. *See* Kidney
Research
 chi-square test in, 678
 critical evaluation of, review of, 82
 future trends in, 4
 government policy on, 1093
 problems with, 123
 statistical power in, (ab) 595
Residency programs, (ab) 1047
 computerization in, (ab) 1054
 practice management issues in, (ab) 1058
 for sports medicine, 230
Resistance training
 blood pressure changes in, breathing technique influence on, 457
 for wheelchair propulsion improvement, in pediatric patients, 368
Resource utilization, in rehabilitation, (ab) 595
Respiratory function, in exercise training, in quadriplegia, body position effects on, 139
Respiratory muscles
 inspiratory resistance training of, (ab) 1056
 stimulation of, in spinal cord injury, 266
 weakness of, in multiple sclerosis, 583
Resting metabolic rate, in paraplegia, pressure sores effects on, 819
Restraints, physical, in rehabilitation, (ab) 1073
Review articles
 case-mix measurement, 1163
 clinical research evaluation, 82
 low back pain, 966
 rheumatoid arthritis treatment, 190
 urinary tract infections in spinal cord injury, 272
Rheumatoid arthritis
 intra-articular corticosteroids in, S–32
 treatment of, S–32, 190
Rhizotomy, dorsal, in pediatric patients, (ab) 1067
Rightward orienting bias, in stroke, 924
Risk management, in postacute care, SC–5
Role validation, measurement of, (ab) 598
Rolyan humeral cuff sling, in shoulder subluxation, in stroke, 763
Rotationplasty, Van Nes, in amputation, rehabilitation after, (ab) 1067
Rotator cuff
 tendinitis of, from competitive sailing, (ab) 1028
 ultrasonography of, (ab) 1031
Running
 femoral shaft fractures in, (ab) 1029
 pelvic stress fractures in, (ab) 1049
S
SACH foot, bioenergetics of, 39
Sacrectomy, rehabilitation in, (ab) 1070
Sacroiliac joint syndrome, diagnosis of, (ab) 1029–(ab) 1030
Sacrum, radiculopathy of, with intraspinal synovial cyst, 1011
Sarcoidosis, polyneuropathy in, (ab) 1063
Sciatic neuropathy
 from fall, (ab) 1059
 metastasis presenting as, (ab) 1047
 in piriformis muscle hematoma, (ab) 597
 in total hip arthroplasty, (ab) 1044
Sciatica, epidural steroid injections in, (ab) 1037
Scleroderma, rehabilitation in, S–32
Scoliosis, idiopathic, dynamic side-shift in, kinesiology of, 621
Scuba diving, decompression myelopathy in, (ab) 1033

- Seizures
 in brain injury
 natural history of, (ab) 1042
 occipital, (ab) 1085
 prolactin levels in, (ab) 1084
 recurrence of, (ab) 1041
 hemispherectomy in, in pediatric patients, (ab) 1066
 Self-medication, (ab) 1069
 Semen, extenders for, in spinal cord injury, 446
 Sensorimotor performance, upper extremity, testing of, 1125
 Sensory Guillain-Barre syndrome, 882
 Sensory loss, in spinal cord injury, electrodiagnosis of, (ab) 1078
 Sensory Organization Test, reliability of, in older adults, 77
 Sepsis, pneumococcal, quadrimemberal amputation after, (ab) 1071
 Sexual function and dysfunction
 in disability, in women, (ab) 595
 in quadriplegia
 urinary diversion and, 758
 vibratory stimulation for, 59
 in spinal cord injury
 arousal physiologic parameters in, in women, 811
 orgasm, 1097
 semen extenders for, 446
 sperm maturity and, 444
 vacuum constriction device for, (ab) 1032
 Shaken baby syndrome, rehabilitation in, (ab) 1027
 Shoes, types of, balance performance and, 940, (ab) 1070
 Shoulder
 arthroplasty of, rehabilitation in, S-47
 disorders of, in reflex sympathetic dystrophy, 239
 imaging of, in paraplegia, (ab) 1032
 injuries of, work-related, nonorganic findings in, (ab) 1036
 mobility of, vs. breast cancer surgery type, (ab) 1035
 muscular function of, in paraplegia, during weight relief raise, 433
 pain in, rehabilitation in, S-47
 position of, in low back pain, 218
 rotator cuff tendinitis of, from competitive sailing, (ab) 1028
 subluxation of
 in hemiplegia, 857
 in stroke, supports for, 763
 ultrasonography of, in rotator cuff injury, (ab) 1031
 weakness of, in herpes zoster virus infection, (ab) 1060
 Sign language, aphasia of, in brain injury, (ab) 1041
 Silicone breast implants, peripheral neuropathy and, (ab) 1061
 Sinemet, in locked-in syndrome, 868
 Single photon emission computed tomography, in sacroiliac joint syndrome, (ab) 1030
 Sitting
 postural aberrations in, in low back pain, 218
 skin vascular reaction in, 533
 standing from, trunk movements in, in geriatric patients, 844
 Skiing, with disability, psychologic benefits of, (ab) 1073
 Skin
 breakdown of. *See also* Pressure ulcers
 after transmetatarsal amputation, 50
 disorders of, from cast, 97
 morphology of, in spinal cord injury, pressure ulcer development and, (ab) 593
 sympathetic responses in, after stroke, 250
 temperature response of, to pressure load, in spinal anesthesia, 243
 vascular reaction in, in sitting, 533
 Sleep
 disorders of
 in brain injury, (ab) 1086
 in multiple sclerosis, fatigue and, (ab) 1061
 positioning for, in stroke, (ab) 599
 Sling, in shoulder subluxation, in stroke, 763
 Smoking, lumbosacral fusion results and, (ab) 1031
 Snakes, hallucinations of, in metabolic encephalopathy, (ab) 1083
 Social status, after brain injury, in pediatric patients, 17
 Soft tissue, pain in, injection techniques in, (ab) 1051
 Soleus muscle, response of, to stance perturbation, aging effects on, 158
 Solid-ankle cushion heel, bioenergetics of, 39
 Somatomedin deficiency, in geriatric patients, (ab) 1059
 Somatosensory evoked potentials
 intraoperative, utility of, (ab) 1044
 in quadriplegia, ambulation prognosis and, 635
 Spastic dysphonia, botulinum toxin injection in, (ab) 1062
 Spastic hypertonia
 botulinum toxin in, complications of, (ab) 1069
 rehabilitation in, (ab) 1064
 Spastic Paresis Score, in upper motor neuron syndrome, (ab) 1045
 Spasticity
 botulinum toxin in, (ab) 1063
 high-dose, (ab) 1069
 caloric requirements in, 281
 dorsal rhizotomy in, (ab) 1067
 of fingers, botulinum toxin in, (ab) 1081
 of hip flexors, in brain injury, (ab) 1087
 of index distal phalanx, botulinum toxin in, (ab) 1070
 intrathecal baclofen in, (ab) 1038
 in spinal cord injury
 hypertonia in, reduction of, 660
 myoclonus in, (ab) 1075
 transcutaneous electrical nerve stimulation in, (ab) 594
 subcutaneous bupivacaine in, 202
 in tetanus, treatment of, (ab) 1061
 SPECT (single photon emission computed tomography), in sacroiliac joint syndrome, (ab) 1030
 Speech
 disorders of, in transverse myelitis, rehabilitation in, (ab) 1064
 improvement of, from: thalamotomy, in multiple sclerosis, (ab) 1062
 Speech therapy, in dementia, (ab) 1058
 Sperm, maturity of, in spinal cord injury, 444
 Spinal anesthesia, skin temperature response to pressure load in, 243
 Spinal canal, stenosis of, in diabetes mellitus, (ab) 1030
 Spinal cord
 electrical stimulation of, in circulation improvement, (ab) 1056
 ependymoma of, (ab) 1078
 infarction of, rehabilitation in, (ab) 1075
 syrinx of. *See* Syringomyelia
 tethered, from arachnoid cyst, (ab) 1039
 Spinal cord injury. *See also* Quadriplegia
 avascular necrosis in, (ab) 1075
 bowel management in, (ab) 1065
 bisacodyl suppositories in, 674
 outcome of, (ab) 599, (ab) 1040
 car transfers in, thigh hematoma from, (ab) 1074
 cervical
 fixation of, dysphagia after, (ab) 1077
 fusion of, tracheoesophageal fistula in, (ab) 1075
 wrist flexor muscle contraction in, 929
 classification of, (ab) 1077
 contraceptive methods in, (ab) 1078
 deep venous thrombosis in, in pediatric patients, (ab) 1067
 discomplete, clinical factors in, (ab) 1079
 diversion colitis in, (ab) 1079
 elbow extension in, muscles involved in, 426
 enterocystoplasty in, spontaneous perforation of, (ab) 1076
 exercise in, halo traction loss in, (ab) 1076
 functional magnetic micturition in, (ab) 1039
 gastrostomy tube placement in, (ab) 1077
 health status in, among community dwellers, (ab) 593
 heterotopic ossification after, treatment of, 284
 hip deformities in, in pediatric patients, (ab) 1040
 influenza vaccination in, antibody response in, (ab) 1032
 intervertebral disk herniation in, (ab) 1076
 limb fractures in, 823
 marriage outcome after, 130
 motor recovery after, injury pattern and, 440
 muscle strength after, beta-2 adrenergic agonists effects on, 55
 natural killer cell function in, (ab) 1032
 outcome of, vs. post-acute healthcare experiences, (ab) 596
 in pediatric patients. *See* Pediatric patients, spinal cord injury in
 epidemiology of, (ab) 1027

- pressure ulcers in
 education on, (ab) 1078
 incidence of, (ab) 593
- psychological evaluation in, (ab) 596
- reciprocating gait orthosis in, 779
- respiratory muscle stimulation in, 266
- in scuba diving, (ab) 1033
- sexual function and dysfunction in, 1097
 arousal physiology in, in women, 811
 semen extenders for, 446
 sperm maturity and, 444
 vacuum constriction device for, (ab) 1032
- skin changes in, (ab) 593
- spastic hypertonia in, reduction of, 660
- spasticity in
 myoclonus in, (ab) 1075
 transcutaneous electrical nerve stimulation in, (ab) 594
- substance abuse in, epidemiology of, 525
- thigh blood flow measurement in, (ab) 1039
- from thoracic arachnoid cyst, (ab) 1039
- thromboembolism prevention in, (ab) 1077
- transient, 1006
- triceps-driven orthosis in, (ab) 1070
- urinary tract infections in, 272, (ab) 1032
- urologic endoscopic surgery in, (ab) 1039
- violent, economic impact of, (ab) 1077
- vocational outcome in, personality characteristics and, (ab) 596
- weakness in, electrodiagnosis of, (ab) 1078
- wheelchair-accessible housing in, cost considerations in, 450
- Spinal muscular atrophy
 classification of, S-10
 ventilatory support for, 213
- Spine
 cervical. *See* Cervical spine
 degenerative disease of, rehabilitation in, S-41
 epidural abscess of, *Streptococcus canis* in, (ab) 1076
 epidural hematoma of, cauda equina syndrome in, (ab) 1080
 fractures of, motor recovery after, injury pattern and, 440
 fusion of
 pain management in, (ab) 1037
 semirigid vs. rigid fixation in, (ab) 1031
 smoking effects on, (ab) 1031
 in spinal cord injury, tracheoesophageal fistula in, (ab) 1075
 infection of, rehabilitation in, (ab) 1079
 injections into, fluoroscopic guidance of, complications of, (ab) 1032
 kinematics of, in lifting, (ab) 1051
 lumbar. *See* Lumbar spine
 melanoma metastasis to, (ab) 1059
 osteoid osteoma of, lumbar radiculopathy with, (ab) 1031
 stenosis of, rehabilitation in, S-41
 synovial cyst in, lumbar-sacral radiculopathy with, 1011
- Splints, in ulnar neuropathy, at elbow, (ab) 1060
- Spondyloarthropathies
 in HIV infection, S-32
 rehabilitation in, S-41
- Spondyloepiphyseal dysplasia, with paraplegia, rehabilitation in, (ab) 1080
- Spondylolisthesis, lumbar, case reports of, (ab) 1049
- Spondylosis
 cervical
 in cerebral palsy, (ab) 1055
 vs. lupus-like disease, 391
 myelopathy in, outcome of, (ab) 1063
 rehabilitation in, S-41
- Sports medicine
 ankle biomechanics during jumping, (ab) 1049
 baseball pitching performance, (ab) 1029
 climbing injuries, (ab) 1029
 eating disorders, (ab) 1029
 education for, (ab) 1047
 residency programs in, 230
 female athlete triad in, (ab) 1050
 in sport climbers, (ab) 1029
 femoral shaft stress fractures in runners, (ab) 1029
 golfing injuries, (ab) 1049
 menstrual disorders, (ab) 1029
 pelvic stress fractures, (ab) 1049
 program for disabled athletes, (ab) 1049
 sailing injuries in women, (ab) 1028
- Stabilization bar, contralateral, for isokinetic exercise, 177
- Stair use, plantar pressure during, (ab) 1074
- Stance, perturbation of, leg muscle reflex responses to, aging effects on, 158
- Standing
 balance in, in acute rehabilitation, 994
 in paraplegia, electrical stimulation for, 876
 postural aberrations in, in low back pain, 218
 from sitting position, trunk movements in, in geriatric patients, 844
- Statistics
 for publication in *Archives of Physical Medicine and Rehabilitation*, 784
 for research evaluation, 82
 in research publication, (ab) 595
- Status epilepticus, occipital, in brain injury, (ab) 1085
- Stenosis, lumbar spinal, in diabetes mellitus, (ab) 1030
- Steroid-induced myopathy, diagnosis of, S-21
- Stockings, compression, in deep venous thrombosis prevention, in stroke rehabilitation, 324
- Stomach, dilatation of, in Duchenne muscular dystrophy, (ab) 1063
- Strength
 back, in normal children, (ab) 1046
 during and after bed rest, weight-bearing effects on, 541
 grip, in athletes, vs. radial bone mineral density, 234
 lower extremity
 in below-knee amputation, stride characteristics and, (ab) 594
 in kidney transplant candidates, 547
 in post-polio syndrome, 989
 in spinal cord injury, beta-2 adrenergic agonists effects on, 55
 testing for, coefficient of variation as subject effort measure in, 516
 of trunk muscles
 in back pain, posture effects on, 604
 in long-term childhood cancer survivors, 983
- Strength training
 in hereditary motor and sensory neuropathy, 612
 in myotonic dystrophy, 612
 in post-polio syndrome, (ab) 1036
 in stroke rehabilitation, 419
- Streptococcus canis*, in epidural abscess, (ab) 1076
- Stress fractures
 osteoporotic, in anorexia, 884
 pelvic, in running, (ab) 1049
 talar, from phenol block, (ab) 1047
- Stride, characteristics of, in below-knee amputation, (ab) 594
- Stroke
 aspiration screening test in, (ab) 1040
 atrial thrombus in, (ab) 1082
 balance testing in, 317
 bladder dysfunction in, (ab) 1081
 brain stem, nutritional impact of, 314
 cerebellar
 frontal lobe symptomatology in, (ab) 1033
 rehabilitation in, (ab) 1080
 deep venous thrombosis in, upper extremity, (ab) 1080
 depression in, (ab) 596
 dysphagia in, cayenne pepper treatment of, (ab) 596
 electrical stimulation in, (ab) 1033
 exercise in, quadriceps, (ab) 1041
 gait initiation in, limb loading in, 627
 gait training in, home-based, (ab) 1034
 hemiparetic
 diminished physiological reserve in, (ab) 1033
 treadmill performance in, (ab) 1033
 left hemisphere, vs. right hemisphere, motor and process skills in, 1144
 liver enzyme levels in, (ab) 1040
 nocturnal positioning in, (ab) 599
 outcome of, 399
 negative symptoms in, (ab) 1081
 prediction of, (ab) 1082

- palmar sympathetic skin responses after, 250
 in pediatric patients, rehabilitation in, with factor V mutation, (ab) 1065
 prospective memory deficit in, (ab) 599
 in protein C deficiency, (ab) 1081
 psychological assessment in, 719
 recovery time course of, 406
 rehabilitation in
 acute, vs. subacute, 495
 biofeedback therapy in, 508
 deep vein thrombosis prevention in, 324
 disability index for, 501
 discharge housing after, 331
 fall-related injuries in, 840
 inpatient, efficiency of, (ab) 1033
 levels of care in, outcome of, (ab) 1040
 malnutrition in, 310
 outcome of, 399
 in pediatric patients, with factor V mutation, (ab) 1065
 recovery time course of, 406
 right hemisphere, (ab) 1082
 strength training in, 419
 subacute, vs. acute, 495
 in young patients, (ab) 1080
 right hemisphere
 vs. left hemisphere, motor and process skills in, 1144
 rehabilitation in, (ab) 1082
 rightward orienting bias in, 924
 shoulder subluxation in, supports for, 763
 sleep apnea in, 71
 spasticity in, botulinum toxin in, (ab) 1081
 swallowing evaluation in, (ab) 1081, 1130
 unilateral neglect in, (ab) 1081
 walking recovery after, 27
 in weight lifting, risks of, 457
 Stroke volume, cardiac, in exercise, 713
 Stubby prosthesis, in geriatric patients, (ab) 1070
 Subacute care, rehabilitation in. *See* Rehabilitation, in postacute care continuum
 Subject effort, coefficient of variation of, 516
 Subjective well-being, role validation and performance in, (ab) 598
 Subscapularis muscle, function of, in weight relief raise, in paraplegia, 433
 Subspecialization, (ab) 1052
 Substance abuse
 in brain injury
 outcome of, 302
 treatment of, (ab) 592
 in spinal cord injury, epidemiology of, 525
 Sulfasalazine, in rheumatoid arthritis, 190
 Superior mesenteric artery syndrome, in brain injury, 871
 Supervision Rating Scale, in brain injury outcome, (ab) 592
 Suppositories, bisacodyl, in bowel management, 674
 Supraspinatus muscle, function of, in weight relief raise, in paraplegia, 433
 Swallowing
 disorders of. *See* Dysphagia
 evaluation of
 in acute stroke, 1130
 in stroke, (ab) 1081
 finite element analysis of, (ab) 1073
 Sweating
 disorders of, post-cast, 97
 in endocarditis, after laminectomy, (ab) 1057
 gustatory, after thoracic sympathectomy, 104
 Sympathectomy, thoracic, gustatory sweating after, 104
 Sympathetic nervous system
 function of, after stroke, 250
 in muscles, activity of, after heart transplantation, (ab) 1024–(ab) 1025
 Syncope
 in autonomic nervous system dysfunction, (ab) 1060
 in pulmonary embolism, in paraplegia, 387
 Synovial cyst
 intraspinous, lumbar-sacral radiculopathy with, 1011
 peroneal nerve palsy from, (ab) 1062
 Syringomyelia
 atypical, (ab) 1063
 post-traumatic, strength preservation after, (ab) 1079
 Systemic lupus erythematosus, rehabilitation in, S–32
- T**
- Talus, stress fracture of, from phenol block, (ab) 1047
 Tardive dyskinesia, rehabilitation in, (ab) 1064
 Team approach
 in admission process, (ab) 599
 documentation system for, (ab) 593
 in outpatient planning, in disability, (ab) 591
 patient participation in, (ab) 600
 planning document for, (ab) 591
 in positioning for stroke, (ab) 599
 in rehabilitation, vs. medical care, (ab) 599
 rehabilitation technicians in, (ab) 600
 Teeth grinding, in brain injury, botulinum toxin for, (ab) 1069
 Temperature, in pressure ulcer development, 666
 Temporomandibular joint, post-polio syndrome mimicking, (ab) 1036
 Tendinitis
 biceps, in reflex sympathetic dystrophy, 239
 rotator cuff, from competitive sailing, (ab) 1028
 Tennis shoes, balance performance with, 940, (ab) 1070
 Test d'Evaluation des Membres Supérieurs de Personnes Âgées, evaluation of, 1125
 Testicular pain, in polyarteritis nodosa, (ab) 1057
 Testosterone deficiency, in long-term childhood cancer survivors, trunk muscle strength and, 983
 Tetanus, rehabilitation in, (ab) 1061
 Tethered cord syndrome, from arachnoid cyst, (ab) 1039
 Tetraparesis. *See* Quadriplegia
 Tetraplegia. *See* Quadriplegia
 Thalamotomy, in multiple sclerosis, speech improvement in, (ab) 1062
 Thigh
 hematoma of, from transfers, in spinal cord injury, (ab) 1074
 muscles of, blood flow measurement in, in spinal cord injury, (ab) 1039
 pain in, in anticoagulation, S–10
 Thoracic outlet syndrome, (ab) 1046
 Thoracic spine, arachnoid cyst in, spinal cord injury from, (ab) 1039
 Thrombocytopenia, heparin-induced, white clot syndrome in, (ab) 1024
 Thrombosis and thromboembolism. *See also* Deep venous thrombosis
 atrial, in stroke, (ab) 1082
 axillosubclavian vein, in wheelchair use, (ab) 1080
 in brain injury, incidence of, (ab) 1087
 in cancer, (ab) 1068
 prevention of, in spinal cord injury, (ab) 1077
 Throwing performance, baseball, cervical spine influence on, (ab) 1029
 Thyrotoxicosis, periodic paralysis in, 685
 Tibia, giant cell tumor of, leg pain in, (ab) 1052
 Tibial nerve block, in balance disorders, in brain injury, (ab) 1084
 Tibialis anterior muscle
 response of, to stance perturbation, aging effects on, 158
 weakness of, in myotonic dystrophy, 33
 Tilt tests, after heart transplantation, sympathetic nerve activity in, (ab) 1025
 Tongue, motion of, in feeding, (ab) 1026
 Topical anesthesia, sensory nerve conduction studies in, (ab) 1044
 Tracheobronchitis, herpetic, in quadriplegia, (ab) 1075
 Tracheoesophageal fistula, in spinal fusion, (ab) 1075
 Tracheostomy, in brain injury, (ab) 1083
 Traction, halo, loss of, in exercise, (ab) 1076
 Transcutaneous electrical nerve stimulation
 long-term use of, (ab) 1052
 with pacemaker, (ab) 1051, (ab) 1059
 in spasticity, in spinal cord injury, (ab) 594
 Transfers
 in spinal cord injury, thigh hematoma from, (ab) 1074
 training for, urinary incontinence and, 1120
 Transmetatarsal amputation, skin breakdown after, 50
 Transplantation
 heart
 isometric exercise after, sympathetic nerve activity in, (ab) 1024

- rehabilitation in, (ab) 1055
 - tilt tests after, sympathetic nerve activity in, (ab) 1025
 - kidney
 - candidates for, lower extremity muscle deficits in, 547
 - transverse myelopathy reversal after, (ab) 1079
 - lung, rehabilitation in, (ab) 1056
 - Transverse myelitis
 - after influenza vaccination, (ab) 1075
 - in Lyme disease, urinary retention in, 1171
 - with speech disorder, rehabilitation in, (ab) 1064
 - Transverse myelopathy, reversal of, after kidney transplantation, (ab) 1079
 - Trapezius muscle, function of, in weight relief raise, in paraplegia, 433
 - Trauma. *See also* Burns; Fractures
 - back pain in, with radiculopathy, magnetic resonance imaging in, (ab) 597
 - brain injury in. *See* Traumatic brain injury
 - in competitive sailing, (ab) 1028
 - edema formation in, high-voltage pulsed current effects on, 381
 - in golfing, (ab) 1049
 - quadriplegia in, transient, 1006
 - shoulder, work-related, nonorganic findings in, (ab) 1036
 - spinal cord injury in, in pediatric patients, epidemiology of, (ab) 1027
 - in sports. *See* Sports medicine
 - upper extremity, in climbing, (ab) 1029
 - Traumatic brain injury
 - agitation after, propranolol effects on, (ab) 1068
 - air embolism in, (ab) 1085
 - airway complications in, (ab) 1083
 - akathisia in, (ab) 1087
 - ambulation prediction in, (ab) 1084
 - amnesia prediction in, (ab) 1086
 - Anton syndrome in, (ab) 1082
 - aphasia in, with congenital deafness, (ab) 1041
 - balance disorders in, treatment of, (ab) 1084
 - from BB pellets, (ab) 1067
 - blindness in, (ab) 1088
 - central fever in, (ab) 1087
 - contractures in, surgical correction of, (ab) 1083
 - with femoral neuropathy, 480
 - Functional Independence Measure scores in, (ab) 1084
 - hiccups in, cisapride in, (ab) 1085
 - hip flexor spasticity in, (ab) 1087
 - hydrocephalus after, (ab) 1041
 - Kernohan-Woltman notch phenomenon in, (ab) 1085
 - knee rehabilitation in, (ab) 1083
 - liver enzymes in, (ab) 1040
 - medical complications in, (ab) 1086
 - memory testing in, (ab) 1086
 - methylphenidate in, side effects of, (ab) 1069
 - motor performance after, (ab) 592
 - obesity in, (ab) 1086
 - obsessive compulsive disorder after, (ab) 1088
 - occipital status epilepticus in, (ab) 1085
 - optic neuropathy in, (ab) 1082
 - outcome of, (ab) 597, (ab) 1042
 - early variables and, 797
 - functional, 1103
 - Glasgow Coma Scale in, (ab) 1085
 - substance abuse and, 302
 - Supervision Rating Scale in, (ab) 592
 - in pediatric patients, three-year recovery trends in, 17
 - quality of life in, 1113
 - rehabilitation in
 - evaluation of, (ab) 592
 - family needs in, (ab) 1087
 - with femoral neuropathy, 480
 - outcome of. *See* Traumatic brain injury, outcome of
 - subacute, (ab) 1087
 - seizures in
 - natural history of, (ab) 1042
 - prolactin levels in, (ab) 1084
 - recurrence of, (ab) 1041
 - severe, functional outcome in, 1103
 - severity rating in, (ab) 1042
 - sleep disorders in, (ab) 1086
 - social functioning after, (ab) 592
 - substance abuse in, treatment of, (ab) 592
 - superior mesenteric artery syndrome in, 871
 - thromboembolism in, (ab) 1087
 - Treadmill
 - in cardiac rehabilitation, in acute myocardial infarction, (ab) 1025
 - for gait evaluation, 772
 - for hemiparetic stroke evaluation, (ab) 1033
 - Tremors, exacerbation of, in lithium toxicity, (ab) 1068
 - Triceps muscle (arm)
 - function of, in weight relief raise, in paraplegia, 433
 - orthosis driven by, in central cord syndrome, (ab) 1070
 - Triceps muscle (leg), weakness of, in myotonic dystrophy, 33
 - Tricyclic antidepressants, in post-polio syndrome, (ab) 1064
 - Trigger points
 - activation of, calcium channel blockers in, (ab) 1048
 - in fibromyalgia, algometry in, (ab) 1048
 - injection of, (ab) 1051
 - in myofascial pain, (ab) 1046
 - Trimethoprim-sulfamethoxazole, in urinary tract infection, in spinal cord injury, 272
 - Trousseau's syndrome, heparin in, (ab) 1068
 - Trunk
 - isometric exercises for, alignment for, 225
 - movements of, during sit-to-stand, in geriatric patients, 844
 - muscles of, strength of
 - in back pain, posture effects on, 604
 - in long-term childhood cancer survivors, 983
 - stabilization of, for wheelchair functional reach, 360
 - Tube feeding, in stroke rehabilitation, 310
 - Tumors, giant cell, leg pain in, (ab) 1052
 - Twin, brain injury in, discordant functioning in, (ab) 1086
 - Two-point discrimination test, moving, in pediatric patients, (ab) 1065
- U**
- Ulcers
 - plantar, in insensate foot, prevention of, (ab) 1072
 - pressure. *See* Pressure ulcers
 - Ulnar nerve
 - electrodiagnostic studies of, (ab) 1025
 - hypotenar premotor potentials of, (ab) 1045
 - moving two-point discrimination values for, in pediatric patients, (ab) 1065
 - nerve conduction studies of
 - in carpal tunnel syndrome, 246
 - topical EMLA cream effects on, (ab) 1044
 - neuropathy of, at elbow
 - from burn injury, (ab) 1060
 - treatment of, (ab) 1060
 - Ultrasonography, of rotator cuff, (ab) 1031
 - Ultrasound, subaqueous, evaluation of, 569
 - Unilateral neglect, in stroke, (ab) 1081
 - Upper extremity
 - climbing injuries in, (ab) 1029
 - deep venous thrombosis of, in stroke, (ab) 1080
 - deformities of, botulinum toxin in, (ab) 1066
 - performance test for, evaluation of, in elderly persons, 1125
 - reflex sympathetic dystrophy of, shoulder disorders in, 239
 - Upper motor neuron syndrome, quantification of, (ab) 1045
 - Urethra, laser endoscopic surgery on, in spinal cord injury, (ab) 1039
 - Urinary diversion, in quadriplegia, in women, 758
 - Urinary incontinence, behavioral treatment of, 1120
 - Urinary retention, in Lyme disease, 1171
 - Urinary tract infection, in spinal cord injury, 272
 - Klebsiella pneumoniae* in, (ab) 1032
 - Urologic surgery, endoscopic, in spinal cord injury, (ab) 1039
- V**
- Vaccination, influenza
 - in spinal cord injury, antibody response in, (ab) 1032
 - transverse myelitis after, (ab) 1075

- Vacuum constriction device, for erectile dysfunction, after spinal cord injury, (ab) 1032
- Valsalva maneuver, in heavy weight lifting, blood pressure changes and, 457
- Van Nes rotationplasty, in amputation, rehabilitation after, (ab) 1067
- Variation, in research evaluation, 82
- Vasculitis, neuropathy in, S-10
- Vastus lateralis muscle, electromyography of, in post-polio syndrome, (ab) 1026
- Vecuronium, in pediatric patients, consequences of, (ab) 1066
- Vegetative state
definition of, 205
outcome of, (ab) 597
- Ventilation, mechanical, in mitochondrial encephalopathy syndrome, 1014
- Ventilatory support
in amyotrophic lateral sclerosis, 828
in mitochondrial encephalopathy syndrome, 1014
in spinal cord injury, 266
in spinal muscular atrophy, 213
weaning from, oximetry in, (ab) 1056
- Ventilatory threshold, in exercise, 713
- Vesper's curse, in pregnancy, (ab) 1048
- Vestibular dysfunction, with brain injury, dizziness in, 1017
- Vibratory stimulation, in sexual dysfunction, in quadriplegia, 59
- Video technology
with Ariel Performance Analysis System, 183
for pendulum test, 166
- Vision
assessment of, in minimally responsive state, 804
impairment of
falls in, in geriatric patients, (ab) 1058
rehabilitation in, in geriatric patients, (ab) 592
- Visual tracking behavior, in brain injury, 726
- Vitamin B₁₂, delivery of, alternating current iontophoresis in, 463
- Vocation. *See* Employment
- W**
- Walkers, instrumented, usage patterns and forces of, 484
- Walking. *See* Ambulation; Gait
- Warfarin
dosage of, computer modeling of, 453
in thromboembolism prevention, in spinal cord injury, (ab) 1077
- Weakness
exercise-induced, intermittent pneumatic compression for, 744
in herpes zoster virus infection, rehabilitation in, (ab) 1060
in infants, electrodiagnosis of, S-10
in myotonic dystrophy, gait abnormalities in, 33
in prostate cancer patients, (ab) 1035
of respiratory muscles, in multiple sclerosis, 583
in spinal cord injury, electrodiagnosis of, (ab) 1078
- Weaning, from ventilatory support, oximetry in, (ab) 1056
- Wegener's granulomatosis, rehabilitation in, (ab) 1058
- Weight
alteration of
in brain injury, (ab) 1086
in chronic pain, (ab) 1052
loss of, exercise training with caloric restriction in, lean body mass effects of, 65
- Weight lifting, blood pressure changes in, breathing technique influence on, 457
- Weight relief raise, in paraplegia, shoulder muscle function in, 433
- Weight training, muscle fatigue in, (ab) 1060
- Weight-bearing, during and after bed rest, muscle strength and, 541
- Well-being, role validation and performance in, (ab) 598
- Wheelchairs
axillosubclavian vein thrombosis from, (ab) 1080
functional reach with, 360
housing accessible to, cost considerations in, 450
maneuvering of, with rightward orienting bias, 924
occupied, static stability of, (ab) 1036
propulsion improvement for, in pediatric patients, 368
weight relief raise in, shoulder muscle function in, 433
- White clot syndrome, rehabilitation in, (ab) 1024
- Women
disability in
gynecologic issues in, (ab) 1028
sexual function and, (ab) 595
female athlete triad in, (ab) 1029, (ab) 1050
independence in, physical determinants of, 373
quadriplegia in, urinary diversion in, 758
sailing injuries in, (ab) 1028
sexually abused, pain management in, (ab) 1036
spinal cord injury in
contraceptive methods use by, (ab) 1078
organism in, 1097
sexual arousal physiological parameters in, 811
as sport climbers, eating and menstrual disorders in, (ab) 1029
- Work capacity, evaluation of, spinal kinematics in, (ab) 1051
- Workers' Compensation programs, SC-10
- Wound healing, high-voltage galvanic stimulation of, 1134
- Wrist
carpal tunnel syndrome of. *See* Carpal tunnel syndrome
flexor muscle contraction in, in cervical spinal cord injury, 929
- Z**
- Zeiter lecture, 4

INDEX TO AUTHORS IN VOLUME 76

NOTE: In this author index the designation "S" indicates the author's work was published in the May Medical Education Issue. The designation "SC" indicates publication in the December supplement. Authors of Annual Meeting abstracts published in the June and November issues are identified with the notation (ab) before the page number.

A

Abadec, P.S., 924
 Abbasi, A., (ab) 1059
 Abbott, A.K., (ab) 1052
 Abdill, C.K., 758
 Abdulhadi, H.M., (ab) 1046, (ab) 1057
 Ablarde, J.A., 533
 Abler, J.H., (ab) 1074
 Abrams, S., (ab) 1029, (ab) 1030, (ab) 1032, (ab) 1050
 Abu-Faraj, Z.U., (ab) 1074
 Acuff, M.E., (ab) 1033
 Adderson, J., (ab) 1072
 Addington, W.R., (ab) 1040
 Adelglass, H., (ab) 1051
 Adkins, R.H., 440
 Adler, S., (ab) 1052
 Adrezin, R.S., 484
 Agre, J.C., 989, (ab) 1026, (ab) 1036
 Akhtar-Zaidi, S.J., (ab) 596
 Alba, H.M., 1000
 Albers, J.W., 246
 Alexander, C.J., 811, 1093
 Alexander, L.R., 819
 Alexander, M.A., (ab) 1065
 Alexander, M.P., (ab) 592
 Allard, P., 552
 Allcock, E.G., (ab) 1057
 Allen, B.T., 50
 Allen, J.B., (ab) 1028
 Allison, D.S., (ab) 1088
 Allison, R.W., (ab) 1088
 Alpin, N., S-32, S-41, S-47
 American Board of Physical Medicine and Rehabilitation, 888
 American Congress of Rehabilitation Medicine, 205
 Andary, M.T., (ab) 1075
 Anderson, J.M., (ab) 1027, (ab) 1072, (ab) 1073
 Anderson, L.J., (ab) 1027, (ab) 1072, (ab) 1073
 Andonakoudis, H., 262
 Andriacchi, R., (ab) 1053
 Andriacchi, T.P., 33
 Ansell, B.J., 726
 Ao, A., (ab) 1087
 Arendzen, J.H., 736
 Arian, E., (ab) 1052
 Arnett, J.A., 682
 Arnsdorf, R.E., (ab) 1049
 Arora, H., (ab) 1053
 Arsenaute, A.L., (ab) 595
 Ashburn, A.M., 844
 Ashton-Miller, J.A., 850
 Asselin, S., (ab) 1030

Atchison, J.W., (ab) 1027, (ab) 1034, (ab) 1041
 Atkinson, E.J., (ab) 1035, (ab) 1036
 Atmar, R., (ab) 1032
 Attolino, R.B., (ab) 1075
 Atwater, B., (ab) 1058
 Auger, R.G., (ab) 1043
 Axelrod, D., (ab) 1061

B

Bach, J.R., 213, 828, (ab) 1056
 Badell, A., (ab) 1038
 Baer, G.D., 844
 Bagg, S.D., 857
 Baird, J.R., (ab) 1032
 Baird, R.C., (ab) 1036
 Baker, H.L., 744
 Ballard, T.N., 744
 Bandinelli, S., 151
 Banovac, K., 55
 Barbeau, H., 772
 Barber, D.B., (ab) 1067, (ab) 1069, (ab) 1076
 Barker, L.H., (ab) 1042
 Barnes, S.S., (ab) 1085
 Barnett, R.I., 533
 Barnhard, R., 547
 Barnhart, R., 368
 Barr, K.P., (ab) 1069
 Bartels, M.N., (ab) 1043, (ab) 1044
 Bartha, M.C., (ab) 592
 Basting, G.G., (ab) 1058, (ab) 1074
 Bauman, W.A., 819
 Becker, P.M., (ab) 1056
 Beckman, S.M., 1138
 Behrman, A.L., 627
 Bélanger, M., 576
 Bell, K.R., (ab) 1042
 Bell, M., (ab) 1086
 Bengtsson, B.-A., 732
 Benson, E.S., (ab) 1063
 Bergen, M.P., 1152
 Bergman, A.G., (ab) 1029
 Berk, S.N., 719
 Berker, E., (ab) 1052
 Berkey, C., 508
 Bernard, B., (ab) 1066
 Bernspång, B., 1144
 Best, R.L., (ab) 1075
 Bhambhani, Y.N., 713
 Bissel, J.H., (ab) 1029
 Black, K.L., (ab) 1085, (ab) 1086
 Black, P.O., (ab) 1034, (ab) 1045
 Blanke, D., 961
 Bless, D., (ab) 1025

Blount, J.P., (ab) 593
 Boake, C., (ab) 592, (ab) 1041, (ab) 1084
 Board, M.A., (ab) 1083, (ab) 1086
 Boey, M.-L., 391
 Bohannon, R.W., 547, 994
 Bombardier, C., 913
 Bond, G.R., 784
 Bonekat, H.W., (ab) 1056
 Bonfiglio, R.P., (ab) 1031
 Bongart, P., (ab) 599
 Bonner, F.J., Jr., (ab) 1031, (ab) 1049, (ab) 1071
 Booth, R., (ab) 1082
 Borg-Stein, J., (ab) 1049
 Boucher, J.P., 576
 Bourbonnais, D., (ab) 595
 Bouter, L.M., 501
 Bowker, P., 1156
 Boyd, L.A., (ab) 594
 Brach, J.S., 905
 Brammer, W.K., 685
 Brander, V.A., S-32, S-41, S-47, 750
 Brandstater, M.E., 457
 Brannon, R., 349
 Braverman, D.L., (ab) 1037
 Bravo, G., 1125
 Brecht, J.S., 940, (ab) 1070
 Brennan, M.J., 974
 Breslin, E.H., (ab) 1056
 Brooks, G.C., Jr., (ab) 598
 Brown, C., 566
 Brown, C., Jr., (ab) 1039
 Brown, D.S., (ab) 1035
 Brown, M., 541, 1134
 Brown, M.C., (ab) 1055
 Brown, R.D., Jr., (ab) 1074
 Browngohl, L.A., (ab) 1035, (ab) 1049
 Bruce, D., (ab) 1038
 Brumberg, L.R., (ab) 1081
 Bruno, R.L., (ab) 594, 1093
 Brunt, D., 627
 Bryan, A., (ab) 1073
 Buchanan, T.S., 750, 1138
 Buonocore, M., 660
 Burgess, M.F., (ab) 1064
 Burnetta, E.C., (ab) 1071
 Bursell, J.P., (ab) 1078
 Burton, H.W., 381
 Büyükköztürk, K., (ab) 1025
 Bybee, D., (ab) 596

C

Calancie, B., 929
 Caldwell, G.T., (ab) 1026

Caldwell-Williams, R.C., (ab) 1066
 Callahan, C.D., 909
 Calvanio, R., (ab) 1082
 Cameron, T., 929
 Campagnolo, D.L., 82, (ab) 1032
 Canine, J.K., (ab) 599
 Cannon, N.L., SC-5
 Carbone, A.T., (ab) 1088
 Cardenas, D.D., 272, (ab) 1086
 Carlson, C.E., (ab) 596
 Carlson, H.L., (ab) 1046, (ab) 1049, (ab) 1077
 Carlson, N.L., (ab) 1049, (ab) 1077
 Carney, J.M., (ab) 1076
 Carroll, J.C., 1014
 Carroll, L.R., (ab) 1032
 Carter, D.J., (ab) 1056
 Caruso, J.F., 55
 Casale, R., 660
 Casavant, B., (ab) 1060
 Casazza, B.A., (ab) 1029
 Casillas, J.-M., 39
 Cassius, D.A., (ab) 1077
 Cassvan, A., (ab) 1025
 Cate, S., (ab) 1073
 Cawley, M.F., (ab) 1065
 Ceccaldi, M., 1171
 Chabal, C., (ab) 1052
 Chae, J., (ab) 1033
 Chalmers, T.C., 508
 Chan, C., 934
 Chan, I.-F., 391
 Chan, K.-F., 287
 Chan, L., (ab) 1082
 Chan, R.-C., 463
 Chancellor, M.B., 758
 Chang, C.H., 97
 Chang, M.W., 453, 940, (ab) 1042, (ab) 1070, (ab) 1073
 Chang, W.-C., 934
 Chang, Y.-M., (ab) 1060
 Chanpong, G.F., (ab) 1028
 Charbonneau, E.J., (ab) 1026
 Charliue, S., (ab) 596
 Chaudhuri, G., (ab) 1040
 Chawla, H., (ab) 1033, (ab) 1075
 Chen, D., 444, 446, (ab) 1077
 Chen, S.-Y., 387
 Chi, B.R., (ab) 1044
 Childers, M.K., (ab) 1045, (ab) 1088
 Chin, L.-S., 463
 Chiou-Tan, F., (ab) 1045
 Chleboun, G.S., 744
 Chou, L.H., (ab) 1029, (ab) 1030, (ab) 1032, (ab) 1050
 Chrissian, S.A., (ab) 1033

- Christakos, S., 262
 Christie, H.J., 218
 Christopher, R.P., 1
 Chuang, T.-Y., 463
 Chun, S.L., 177
 Chung, T.M., (ab) 1048
 Cifu, D.X., 480, (ab) 1024, (ab) 1049, (ab) 1073
 Ciol, M., (ab) 1037
 Cioschi, H.M., 1120
 Citta-Pietrolungo, T.J., (ab) 1066
 Cody, R.C., (ab) 1028
 Cohen, E.H., (ab) 596
 Cohen, M., 39
 Cohen, M.E., 426
 Cohen, P.R., 97
 Coleman, J.S., (ab) 1066
 Conatser, R.R., 744
 Conlan, W.A., (ab) 1055, (ab) 1077
 Connis, R., (ab) 599
 Cook, J.T., (ab) 1087
 Cooperman, T.J., (ab) 1087
 Cordaro, M.A., 484
 Corrigan, J.D., 302
 Costa, J., 33, (ab) 596
 Cowen, T.D., 355, 797
 Cox, W.M., (ab) 593
 Coyle, C.P., 647
 Craig, E., (ab) 1054
 Creange, S., (ab) 594
 Cronin, M., (ab) 1056
 Crook, R., (ab) 1056
 Cruden, J., (ab) 1077
 Crupi, C.D., 899
 Cue-Jenkins, P., (ab) 591
 Cuellar, L., (ab) 1041
 Cuevas-Tristan, R.L., (ab) 1039
 Culham, E.G., 857
 Curt, J.T., 989, (ab) 1026
 Curtis, K.A., 360
 Cushman, L.A., (ab) 595, (ab) 598
 Cutler, R.B., (ab) 1052
- D**
- Dabrowski, E., (ab) 1064
 D'Agostino, R.B., Jr., (ab) 593
 D'Ambrosia, R., (ab) 1075
 Darouiche, R.O., 250, (ab) 1032
 Darrow, M., 685
 Das, R.P., (ab) 1067
 David, Y., 290
 Davies, F., (ab) 1036
 Davis, B.A., (ab) 1046
 Day, R.G., (ab) 1026
 de Jongh, H.J., 736
 Dean, S.J., (ab) 1050
 DeHaven, J.J., 183
 Dehoux, E., 899
 DeJong, G., 349
 Del Toro, D.R., (ab) 1045
 Delarque, A., 1171
 Deming, L., (ab) 1049
 Dengel, D., (ab) 1033
 Denson, D., 202
 Dent, D., (ab) 1028
 DePhillips, D.M., (ab) 1075
 Deshpande, A.A., (ab) 1086
 Desouza, C.A., (ab) 1033
 Desrosiers, J., 1125
 DeVivo, M.J., 130, 355, 797
- Deyo, R.A., (ab) 1037
 Dhand, U.K., (ab) 1060
 Diamond, P.T., (ab) 1080
 Dias, L., (ab) 1038
 Diaz, R., (ab) 1033
 DiCarol, T., (ab) 1056
 Didier, J.-P., 39
 Dijkers, M., (ab) 1053
 Dillingham, T.R., (ab) 1043
 Dillon, M.E., (ab) 1082
 Dilsen, G., (ab) 1035
 Dimas, G.P., (ab) 1075
 Dimick, A.R., (ab) 594
 Dimitrijevic, M.R., (ab) 1079
 Dinh, T., (ab) 1083
 DiPasquale, M.C., 804
 Disci, R., (ab) 1025, (ab) 1035
 Ditunno, J.F., Jr., 635
 Dixon, T.P., SC-1, SC-27
 Dolezal, J.M., (ab) 1042
 Donofrio, J.C., (ab) 1034, (ab) 1076
 Donovan, W.H., (ab) 1076
 Dormans, J.P., (ab) 1067
 Downie, R.W., (ab) 598
 Drake, T.R., 463
 Drapkin, A.J., 94
 Drobny, D., (ab) 597, (ab) 1058
 Drukker, J., 612
 Duhaime, M., 552
 Dulieu, V., 39
 Duncan, G., 997
 Dunn, A.M.L., (ab) 1058
 Dunn, D.S., 719
 Dunn, R.B., 266
 Dutil, E., 1125
 Dutra, R., 924
 Dworkin, G.E., (ab) 1050
 Dzwierzynski, W., (ab) 1045
- E**
- Earp, K., (ab) 1077
 Eaton, B., 521, (ab) 1073, (ab) 1086
 Ebata, K., 876
 Eby, P., (ab) 1078
 Edwards, J., 779, (ab) 1060
 Ehrenthal, S.R., (ab) 1037
 Ehrlich, V., 865
 Elam, K.C., (ab) 1037
 Ellenberg, M., (ab) 1053, (ab) 1062
 Elovic, E.P., (ab) 1084, (ab) 1087
 Elsenbrook, R., (ab) 1086
 Elswick, R.K., Jr., 77
 Engardt, M., 419
 Ertem, G., (ab) 1025
 Escobar, N.G., (ab) 1064, (ab) 1087
 Escobedo, E.M., (ab) 1032
 Ethans, K.D., (ab) 1072
 Etnyre, G.B., (ab) 1025
 Evans, A.L., 997
 Evans, R., (ab) 598
- F**
- Faes, T.J.C., 243
 Fast, A., 484
 Fay, G.C., 17
- Feinberg, J.H., (ab) 1046, (ab) 1050
 Felsenthal, G., (ab) 1027, (ab) 1061, (ab) 1072, (ab) 1073
 Fernandez, T., 77
 Ferraro-Herrera, A.S., (ab) 1028
 Fichtenberg, N.L., (ab) 1086
 Filiz, M., (ab) 1052
 Findley, T.W., Jr., (ab) 1025, (ab) 1046
 Fine, P.R., (ab) 594, 1113
 Finestone, H.M., 310, (ab) 1036
 Fink, K., (ab) 1068
 Finlayson, B.A., (ab) 1073
 Fischer, A.A., (ab) 1048, (ab) 1051
 Fish, D.R., 381
 Fishbain, D.A., (ab) 1052
 Fisher, A.G., 1144
 Fisher, S.B., (ab) 1076
 Fisher, W.P., Jr., 113
 Fitzgerald, D.C., 1017
 Fletcher, D.C., (ab) 592
 Flipse, D., 55
 Floyd, R.A., (ab) 1076
 Focseanu, M., (ab) 1081
 Foley, C.C., (ab) 595
 Fong, C.A., (ab) 1087
 Fontaine, C.A., (ab) 594
 Ford, C.N., (ab) 1062
 Ford, G., (ab) 1063
 Ford, M.A., (ab) 1073
 Ford-Smith, C.D., 77
 Forrest, G., 450
 Foye, P.M., (ab) 1080
 Francisco, G., (ab) 1033
 Franke, T.M., 989, (ab) 1036
 Frankoff, D., (ab) 1062
 Frederickson, M., SC-5
 Frederickson, M., (ab) 1029
 Freedman, M.K., (ab) 1052
 Freehafer, A.A., 823
 Frick, N.M., (ab) 594
 Fried, G.W., 1120
 Friedman, J.M., (ab) 1045
 Froese, B.B., (ab) 1064
 Fry, D.A., (ab) 1025
 Fuhrer, M.J., 525, (ab) 593
 Fujiura, G.T., (ab) 595
 Fullerton, B.D., (ab) 1049
 Fusman, A.W., (ab) 1060
- G**
- Gaebler-Spira, D.J., (ab) 1027, (ab) 1038, (ab) 1055, (ab) 1066
 Galynker, I., (ab) 1081
 Gans, B.M., (ab) 1053
 Garrison, S.J., (ab) 1070
 Gasett, S., (ab) 1046
 Gaulin-Jones, B., 899
 Gawne, A.C., (ab) 1061
 Geremski, C.A., (ab) 1055
 Gerhart, K., (ab) 596
 Gershkoff, A.M., (ab) 599
 Giacino, J.T., (ab) 597
 Gibberman, J.B., (ab) 1041
 Gill, H.S., SC-10
 Gillard, M.P., (ab) 598
 Gillis, T.A., (ab) 598, (ab) 1076
 Gilmartin, R.C., (ab) 1038
 Gilroy, J., (ab) 1061
- Gilsing, M.G., 850
 Glanz, M., 508
 Glazener, P., (ab) 1070
 Gleeson-Reese, C., (ab) 1086
 Glynn, C.J., 660
 Go, B.K., 130
 Godbold, L.S., (ab) 1068, (ab) 1077
 Godbold, L.T., (ab) 1027
 Goddard, M.J., (ab) 1069
 Godlewski, M.C., 924
 Goel, A., (ab) 1074
 Goetz, G., 1120
 Goetz, L.L., (ab) 1065, (ab) 1071
 Gogia, P.P., 1134
 Gogia, R.S., (ab) 1040
 Goldberg, G., 82
 Goldenberg, D.L., (ab) 1049
 Goldstein, A.M., (ab) 1069
 Goldstein, B., (ab) 1032, (ab) 1078, (ab) 1079
 Goldstein, L.S., (ab) 1078
 Gombas, G., 450
 Gomez, M., 55
 Gooch, J.L., (ab) 1067
 Gooch, L.-A., (ab) 1028, (ab) 1041
 Good, D.C., (ab) 593
 Goodman, B.S., 202
 Goris, R.J.A., 239
 Goulet, C., (ab) 595
 Gracovetsky, S.A., (ab) 1030
 Graham, J.L., 744
 Granger, C.V., (ab) 593
 Grasso, A., (ab) 1078
 Grasso, M., 158
 Graziani, V., S-3, S-10
 Grazko, M., (ab) 1063
 Grebin, B., SC-16
 Green, D., (ab) 1068, (ab) 1075
 Green, R., (ab) 597
 Greene, G., 899
 Greene-Finestone, L.S., 310
 Greenwood, K.M., 331
 Grimaldi, L., (ab) 1032
 Grimby, G., 732
 Groah, S.L., 480, (ab) 1049, (ab) 1073
 Gronley, J.K., 433
 Grosse, S., (ab) 1086
 Gruft, J.H., (ab) 1030
 Guccione, A.L., (ab) 1063
 Gulati, M.S., (ab) 1040, (ab) 1056
 Gurin, T.L., (ab) 1061, (ab) 1065
 Gust, T., (ab) 600
 Gutierrez, P., 495
- H**
- Haas, F., (ab) 1057
 Haddox, J.D., 202
 Haeg, J.P., (ab) 1074
 Haffey, W.J., SC-2
 Hageman, P.A., 961
 Hagglund, K.J., 909
 Hagler, W., (ab) 1028
 Haig, A.J., 341
 Haile, R.M., (ab) 1026
 Hallet, M., 151
 Hallman, H.L., 744
 Hallstrom, L.R., (ab) 1031
 Halstead, L.S., (ab) 1061

- Hamid, F., (ab) 1052, (ab) 1075
 Hamilton, B.A., (ab) 1069
 Hamilton, B.B., (ab) 593, 1103
 Hammond, F.M., (ab) 1085, (ab) 1086
 Hanayama, K., (ab) 1025
 Hang, S.Y., (ab) 597
 Hansen, G.L., 666
 Hara, Y., (ab) 1025
 Harburn, K.L., 317
 Harden, N., (ab) 1066
 Hariman, L.M., (ab) 1051
 Hariman, R.J., (ab) 1051
 Harley, P., (ab) 1087
 Harmon, R.L., 989, (ab) 1036, (ab) 1044
 Harris, B., (ab) 595
 Harris, G.F., 1000, (ab) 1074
 Harris, M.A., (ab) 1043
 Harris, S.A., (ab) 1027, (ab) 1063, (ab) 1077
 Harrison, E.R., (ab) 1082
 Harrison, J., (ab) 1086
 Hart, K.A., 525, (ab) 593
 Harvey, D.T., 104
 Harvey, R.F., 113, (ab) 1026, (ab) 1027, (ab) 1030, (ab) 1054
 Haselkorn, J., (ab) 599, (ab) 1037
 Hassanein, K., (ab) 1074
 Hasser, E.M., 541
 Hausen, H.S., (ab) 1033
 Hawkins, L.N., 130, 355
 Hays, R.M., S-10, S-21
 Hazlewood, J.E., (ab) 1040
 Hébert, R., 1125
 Hedrick, W.P., (ab) 1069
 Heinemann, A., (ab) 593, (ab) 1078
 Heinrich, R.K., (ab) 596
 Held, A.M., 666
 Henderson, R.E., (ab) 599
 Hendricks, R., (ab) 599
 Henry, A.P., (ab) 1028, (ab) 1031, (ab) 1039, (ab) 1046, (ab) 1059
 Hensleigh, H.C., 59
 Herbison, G.J., S-3, 426, 635
 Herman, T., 290
 Hermann, R.P., (ab) 1065
 Hermsdörfer, J., 653
 Herrel, P., (ab) 1034
 Herring, S.A., (ab) 1029
 Hess, M.J., (ab) 1049
 Heusner, W.W., 65
 Hickey, S., (ab) 1027
 Higgins, B.E., (ab) 1065
 High, W.M., Jr., (ab) 592, (ab) 1084
 Hiimeac, K.M., (ab) 1026
 Hill, K.M., 317
 El-Hinawy, Y.M., 471
 Hinderer, S.R., S-32, S-41, S-47
 Ho, Y.J., (ab) 597
 Hoffman, K.L., (ab) 1029
 Hofmann, M.T., 373
 Hogan, W.J., (ab) 1065, (ab) 1069
 Hollifield, D., 871
 Hollister, M., (ab) 1032
 Honet, J.C., (ab) 1062
 Hong, C.-A., (ab) 1046, (ab) 1060
 Hooton, T.M., 272
 Horasek, S.J., (ab) 1056
 Horn, S.D., (ab) 1042
 Hornyak, J.E., (ab) 1041
 Hou, J.W., 444
 Houston, J.M., (ab) 1078
 Howard, J.P., 463
 Howell, J.N., 744
 Howell, J.S., (ab) 1044
 Howland, C., (ab) 595
 Hsu, T.-C., 463
 Hsueh, T.-C., (ab) 1046
 Hu, Z., (ab) 1047
 Huang, C.-T., 355
 Huang, M.E., (ab) 1068, (ab) 1081
 Huang, S.Q., (ab) 1043, (ab) 1066
 Huang, T.-S., 387
 Huba, J.C., 682
 Hughes, M.B., 763
 Hulce, V.D., (ab) 1075
 Hull, D., 547
 Hull, R.A., (ab) 1032
 Hull, S.Z., (ab) 1026
 Hulstrom, A., (ab) 1032
 Hunter, J.C., (ab) 1032
 Hurvitz, E.A., 1014, (ab) 1037, (ab) 1067
 Hurvitz, V.S., (ab) 1065
 Hutchins, B.F., (ab) 1040
 Hwang, J.-J., 387
 Hwang, W.J., (ab) 1062
 Hwang, Y.-S., (ab) 1047
 Hyland, D.T., 719
- I**
- Iaizzo, P.A., 666
 Iannucci-Waller, J., (ab) 600
 Idank, D., 763
 Ieronimo, C.A., (ab) 1081
 Ikai, T., 763
 Im, D., (ab) 1067
 Imamura, M., (ab) 1052, (ab) 1072
 Indenbaum, A., (ab) 1062
 Isaacson, A.C., (ab) 1080
 Ito, T., 225, 604, 621
 Ivanhoe, C.H., (ab) 592, (ab) 1041, (ab) 1068, (ab) 1069, (ab) 1083, (ab) 1084, (ab) 1087
 Ivie, C.S., III, 797
 Iyer, M.B., (ab) 1025
- J**
- Jabbari, B., (ab) 1063
 Jackson, A.F., (ab) 1052
 Jacobs, S.R., 635, (ab) 1045
 Jaegers, S.M.H.J., 736
 Jaffe, K.M., 17, (ab) 1063
 Jain, S., (ab) 1026
 James, R.H., (ab) 1081
 Jämsen, A., 983
 Jann, B.B., 202
 Jarrett, S.R., 688
 Jasin, P., (ab) 1084
 Jelles, F., 501
 Jennings, J., (ab) 1071
 Jet, J., (ab) 1055, (ab) 1088
 Jewell, R., (ab) 1035
 Jeyendran, R.S., 444, 446
 Jo, G.-Y., (ab) 1046
 Johnson, B.A., 666
 Johnson, D., (ab) 1034
 Johnston, M.V., 763
 Jones, C.M., (ab) 1058
 Jonsson, M., 419
 Jorgensen, H.S., 27, 399, 406
 Joshi, A., (ab) 1055, (ab) 1068, (ab) 1084
 Juhng, S.K., (ab) 1080
 Jurell, K.C., (ab) 1045
- K**
- Kaelin, D.L., (ab) 1024
 Kagaya, H., 876
 Kahanovitz, N., 1011
 Kalmar, K., (ab) 597
 Kanakamedala, R., (ab) 1060
 Kaneda, K., 225, 604, 621
 Kang, S.W., 177
 Kann, D., (ab) 1040
 Kanter, M.E., 882
 Kaplan, M.C., (ab) 1076, (ab) 1083
 Kaplan, P.E., 682
 Kaplan, R.S., (ab) 598, 1006
 Kaplan, S.C., SC-16
 Karasick, S., 758
 Karnes, J.L., 381
 Karst, G.M., 558
 Katsukawa, F., 234
 Katz, D.I., (ab) 592
 Katz, G., (ab) 1032
 Katz, R.T., 82, 833
 Katzel, L.I., (ab) 1033
 Keaton, J.C., (ab) 1081, 1130
 Keen, M.E., (ab) 1087
 Keenan, C., (ab) 1065
 Keeshin, S., (ab) 1078
 Keith, R.A., 495
 Keller, S.E., (ab) 1032
 Kellogg, D.L., Jr., 463
 Kelly, C.K., 113
 Kelly, J.P., (ab) 1083, (ab) 1088
 Kemp, K.R., Jr., (ab) 1042
 Kent, S.L., (ab) 1059
 Kerckhoffs, M., 612
 Kern, H., (ab) 597, (ab) 1037
 Kerrigan, D.C., 840, (ab) 1047, (ab) 1049, (ab) 1057
 Kertzer, R., 257
 Kesler, S.A., (ab) 1062
 Kevorkian, C.G., (ab) 1024, (ab) 1055
 Keyser, R.E., 65
 Khademi, A.M., (ab) 1084
 Kil, K.-S., (ab) 1032
 Kile, K.A., (ab) 1049
 Kilgore, K.M., SC-21, 113
 Killen, S.A., (ab) 1051, (ab) 1061
 Killman, M.R., (ab) 1034
 Kim, A.W., 750
 Kim, B.Y., (ab) 1049
 Kim, D.H., (ab) 1075
 Kim, H.-D., (ab) 1047, (ab) 1076
 Kim, S.-L., (ab) 1055
 Kim, Y.T., (ab) 597
 Kindlin, C.M., 360
 King, K.T., (ab) 599
 King, R.B., (ab) 596, (ab) 599
 King, S., 758
 Kinney, C.L., S-1
 Kirby, R.L., (ab) 1036, (ab) 1072
 Kirk, P., (ab) 593, (ab) 599
 Kirschner, K.L., (ab) 1078
 Kirshblum, S.C., (ab) 1033, (ab) 1040, (ab) 1075
 Kishner, S., (ab) 1075, (ab) 1080
 Klawansky, S., 508
 Klein, P.J., 183
 Kleinschmidt, K.M., (ab) 1051
 Klinger, E., (ab) 593
 Knapp, L., (ab) 1041
 Knutson, L.M., 558
 Knutsson, E., 419
 Kokate, J.P., 666
 Köke, A., 612
 Kong, K.-H., 287, 391, (ab) 1024
 Koob, C.M., (ab) 599
 Korol, C.T., 899
 Kosasih, J.B., (ab) 1059
 Kothari, M.J., 947
 Koumanis, J., (ab) 1036
 Kowalske, K.J., S-10, S-21
 Krach, L.E., (ab) 1038
 Krafft, K.R., (ab) 1062
 Kraft, G.H., (ab) 1035
 Kramer, J.F., 317
 Krieger, G.D., (ab) 1047
 Krimker, S., (ab) 599
 Krivickas, L.S., (ab) 1046
 Kriz, G., 653
 Ksiazek, K., (ab) 1071
 Ku, A., (ab) 597, 692, (ab) 1028, (ab) 1039, (ab) 1046, (ab) 1059, (ab) 1060, (ab) 1068
 Kumar, R., 1173
 Kumar, S., 218
 Kuntz, W., (ab) 1057
 Kveen, G.L., 666
 Kweon, D.-C., (ab) 1046, (ab) 1076
- L**
- Laast, J.K., (ab) 1042
 Laatsch, L.A., (ab) 1053
 LaBan, M.M., 476, 884, (ab) 1047, (ab) 1048
 Lacey, S.L., (ab) 1059
 Lachmann, E.A., 692, (ab) 1024, (ab) 1028, (ab) 1031, (ab) 1033, (ab) 1039, (ab) 1046, (ab) 1059, (ab) 1060, (ab) 1062, (ab) 1068, (ab) 1076
 Ladha, B., (ab) 1062
 Ladouceur, M., 772
 Lai, J.-S., 387
 Lai, J.M., (ab) 1045, (ab) 1069, (ab) 1087
 Laluya, J.P., (ab) 1062
 Lance, K.L., (ab) 1041
 Landau, P., 324
 Landin, K., 732
 Landjerit, B., 552
 Landsberg, L.A., 373
 Langbein, W.E., 642
 Langer-Schnepf, M.E., (ab) 1063
 Langley, M., (ab) 593
 Langlois, L.P., (ab) 1056
 Lankhorst, G.J., 501
 Lanning, J., 983
 Lanzo, V.F., (ab) 1030
 Laramée, M.-T., (ab) 595
 Lauder, T.D., (ab) 1043
 Laughner, S.M., (ab) 1059
 Lawlor, B.D., (ab) 1070
 Lawrence, J.A., (ab) 1041
 Lawrence, S.A., 250

- Leahy, K.C., (ab) 1078
 Leary, K.M., 994
 Lebow, J., 355, 797
 LeBreck, D.B., 341
 Lee, C.Y., (ab) 1085
 Lee, H.W., (ab) 597
 Lee, K.-H., (ab) 1024, (ab) 1025
 Lee, S.-G., 850
 Lee, S.-J., (ab) 1080
 Lefervere, F., (ab) 1026
 Leffers, P., 612
 Lehmann, J., 940, (ab) 1070
 Lehmkuhl, L.D., (ab) 592
 Leibowitz, M., 961
 Leiter, P., (ab) 595, 705
 Leland, K.J., 666
 Leonard, J.A., Jr., (ab) 1071
 Leonard, J.W., (ab) 1049
 Lerner, A.M., (ab) 1061
 Leroux, A., 576
 LeRoy, S.C., 59
 Lesnak, L.A., (ab) 1067
 Leuholtz, B.C., 65
 Levin, E., (ab) 1086
 Levin, M.F., (ab) 595
 Lewis, B.G., (ab) 1054
 Lewis, S.M., (ab) 1054
 Liao, S., 17
 Lieberman, J.S., (ab) 1058
 Lien, I.-N., 387
 Liewehr, S., (ab) 1046
 Lin, V.W., (ab) 1039
 Linacre, J.M., (ab) 593
 Lindeman, E., 612
 Lindstedt, G., 732
 Ling, E.A., 446
 Little, J.W., (ab) 1078, (ab) 1079
 Liu, M.H., 819
 Lloyd, S.A., (ab) 1059
 Lochner, J.L., (ab) 1071
 Loev, B.E., (ab) 1067
 Logigian, E.L., 947
 Loizeau, J., 552
 Long, H.-A., (ab) 1060
 Losada, M., 819
 Loudon, J., (ab) 1074
 Lowensteyn, I., 55
 Lubeck, D.P., (ab) 1028
 Lubicky, J.P., (ab) 1040
 Luborsky, M., (ab) 596
 Lui, J., (ab) 1026
 Lundberg, P.-A., 732
 Lundstrom, T.S., (ab) 1059
 Lux, W.E., (ab) 1082
 Lyson, N., (ab) 1084
- M**
- McAnelly, R.D., (ab) 1069, (ab) 1071
 McAweeney, M.J., (ab) 595
 McCagg, C.O., (ab) 1083
 McCarthy, T.M., (ab) 1053
 Macciocchi, S.N., 521
 McCormick, J., (ab) 1034
 McCoy, C., (ab) 591
 McCue, M.J., 413
 McCulla, M.M., 833
 McCully, K.K., 373
 McDeavitt, J.T., S-10, (ab) 599
 McDonald, A.M., (ab) 1082
 MacDonald, B., (ab) 1033
 McDonald, M.K., (ab) 1082
- MacEachern, E., (ab) 1077
 McElroy, B., (ab) 1071
 McGinn, M., (ab) 1081
 McGuire, J.R., (ab) 1060, (ab) 1081
 McHugo, G.J., 784
 McKenna, B.S., (ab) 1081, 1130
 McKinley, W.O., (ab) 1032
 Mackinnon, S.E., (ab) 1065
 Macko, R.F., (ab) 1033
 McLean, K.P., 139
 MacLeod, D.A., (ab) 1036
 McMeeken, J., 166
 Macmurdo, H.D., (ab) 1060
 McNair, P.J., 566
 McNamara, P., (ab) 599
 McNeely, J.D., (ab) 599
 McNeill, V.S., (ab) 1058
 McRae, M., (ab) 1080
 Madhavan, S., (ab) 1064
 Madrid, C.A., (ab) 1042
 Magalhaes, L.C., 705
 Maguire, K., 566
 Mahajan, N., (ab) 1058
 Mahone, R., (ab) 600
 Mainous, A., III, (ab) 1041
 Maki, K.C., 642
 Malone, R.J., (ab) 1083
 Mandelkern, M., (ab) 1039
 Maniar, R., (ab) 1046
 Manley, M.S., 919
 Mann, N.R., (ab) 1053, (ab) 1085, (ab) 1086
 Mansouri, D., (ab) 1032
 Marcer, I., 39
 Marciello, M.A., 426
 Marinko, M.S., (ab) 1059
 Marion, P.J., 1011
 Markowski, J., (ab) 593, (ab) 1032
 Marquardt, C., 653
 Marsh, W.S., (ab) 1056
 Marshall, R.N., 566
 Marty, G., (ab) 1066
 Mashman, J., 583
 Mat, N., 653
 Materson, R.S., 4
 Mathis, C.M., (ab) 1067
 Mayer, R.S., (ab) 1079
 Mazher, J.M., (ab) 1035
 Mazur, A., (ab) 1052
 Means, K.M., (ab) 1058
 Meerschaert, J.R., 476, (ab) 1047, (ab) 1048
 Mehrberg, R.D., (ab) 1060
 Meier, R.H., III, (ab) 1071
 Meijer, J.H., 243
 Meijman, T.F., 950
 Mein, C.J., 243
 Meisner, L.E., (ab) 1036
 Mendel, F.C., 381
 Mendelsohn, E., (ab) 1030
 Mendelsohn, L.S., (ab) 1055
 Menton, D.N., 1134
 Merritt, B.S., (ab) 1070
 Meszaros, F.J., (ab) 1084
 Meyers, J.S., (ab) 1032, (ab) 1050
 Meythaler, J.M., 797, (ab) 1040
 Michaels, M.G., (ab) 1044
 Michaud, L.J., (ab) 1067
 Miciano, A., (ab) 1082
 Miknevich, M.A., (ab) 1063
 Milani, F., (ab) 1082
 Millard, A.E., (ab) 1086
- Millender, L.H., (ab) 1046
 Miller, D.A., (ab) 1036, (ab) 1051
 Miller, L.P., (ab) 1087
 Miller, M.A., (ab) 1049, (ab) 1073
 Miller, R.S., (ab) 1055
 Millis, S.R., (ab) 1086
 Mintz, J., 784
 Mirani, S.C., (ab) 1047
 Miranti, S.V., (ab) 593
 Mogelof, J.S., 688
 Mohsenin, V., 71
 Monga, T.N., 250, (ab) 1035, (ab) 1074
 Monga, U., (ab) 1035
 Montes, L., (ab) 1067
 Moon, J.H., 177, (ab) 1048
 Moon, K.J., (ab) 1080
 Moore, K.A., (ab) 1080
 Moore, R.W., (ab) 1066, (ab) 1073
 Moreno, J.G., 758
 Morgan, B.H., (ab) 1066, (ab) 1077
 Morgan, M.A., (ab) 598
 Morgan, V.J., (ab) 1054
 Morrill, B., 924
 Morse, E.T., (ab) 1066
 Mowry, D., 868
 Mueller, M.J., 50
 Mukhi, P.K., (ab) 1062
 Mulford, G.J., (ab) 1043
 Mulroy, S.J., 433
 Murali, L., (ab) 1030
 Murali, R., (ab) 1030
 Muraszko, K.M., (ab) 1067
 Murphy, A., (ab) 596
 Musher, D.M., (ab) 1032
 Muslumanoglu, L., (ab) 1052
 Müslümanoglu, M., (ab) 1035
 Myers, M.A.M., (ab) 1044
 Myers, S.J., (ab) 1058
- N**
- Nagel, T.C., 59
 Nagler, W., (ab) 597, 692, (ab) 1031, (ab) 1033, (ab) 1046, (ab) 1048, (ab) 1059, (ab) 1060, (ab) 1068
 Nagy, A., 341
 Nakayama, H., 27, 399, 406
 Nardone, A., 158
 Narloch, J.A., 457
 Nastasi, A.E., (ab) 1029
 Natale, L., (ab) 1074
 Nawoczinski, D.A., 45
 Nazare, A., (ab) 1074
 Neimczura, J.G., (ab) 600
 Nelson, V.S., 1014, (ab) 1037, (ab) 1067
 Nemunaitis, G.A., (ab) 1036
 Nesathurai, S., 104
 Neufeld, J.A., (ab) 1064
 Newandee, D.N., (ab) 1046
 Newcomer, K., (ab) 1043, (ab) 1046
 Newman, N.M., (ab) 1030
 Newsam, C.J., 433
 Newton, C.N., (ab) 592
 Newton, N.C., (ab) 1084
 Newton, R.A., 77
 Neyman, I., (ab) 1064
 Nicholas, J.J., (ab) 1057, (ab) 1079
- Nigro, M.A., (ab) 1064
 Noble, L.E., (ab) 1034
 Noce, R.R., 857
 Noh, S., 317
 Nori, S.L., 882
 Norman, K.E., 772
 Nosek, M.A., (ab) 595, (ab) 1028
 Novack, T.A., 797
 Novak, C.B., (ab) 1065
 Nutter, P., (ab) 1086
- O**
- Obayan, A.D., (ab) 1064, (ab) 1085
 Obinata, G., 876
 O'Brien, D.R., Jr., 966
 O'Brien, P.C., (ab) 1035, (ab) 1036
 Ockey, R.R., 868, (ab) 1040
 O'Connell, D.G., 368, (ab) 1071
 O'Connor, K.C., (ab) 1040, (ab) 1075
 Odderson, I.R., (ab) 1074, (ab) 1081, (ab) 1082, 1130
 O'Dell, M., (ab) 598, 871, (ab) 1028, (ab) 1081, (ab) 1082, (ab) 1084
 O'Driscoll, P., (ab) 1028
 Oeffinger, D., (ab) 1034, (ab) 1041
 Ogato, H., (ab) 1024
 Oh, J., (ab) 1037
 Oh, T.H., S-32, S-41, S-47
 Ohry, A., 290
 Oken, J.E., (ab) 1027, (ab) 1054, (ab) 1087
 Olivares, J.-P., 1171
 Olney, W.B., 257
 Olsen, N.K., (ab) 1029
 Olsen, T.S., 27, 399, 406
 Onishi, S., 234
 Oort-Marburger, D., 950
 Oral, A., (ab) 1025, (ab) 1035
 Orchard, T., 324
 Orenstein, R.S., (ab) 1052
 Orlando, M.P., (ab) 1082
 Ottaviani, L.B., (ab) 1045
 Ottenbacher, K., 123, (ab) 591, 678
 Ozbek, N., (ab) 1073, (ab) 1086
 Ozger, N., (ab) 1025
- P**
- Palmer, J.B., (ab) 1026
 Palmeri, D., 547
 Pambianco, G., 324
 Pan, A.-W., (ab) 595, 705
 Pandian, G., (ab) 1062
 Panzer, V.P., 151
 Pappas, Z.M., (ab) 1056
 Park, D.-S., (ab) 1080
 Park, G.-Y., (ab) 1048, (ab) 1080
 Park, T.A., (ab) 1045
 Parke, B., (ab) 1052
 Parker, J.C., 82
 Park-Ko, I., (ab) 1046, (ab) 1047, (ab) 1076
 Partington, M.T., (ab) 1067
 Patel, H.Z., (ab) 1078
 Pavin, M., (ab) 1055
 Pedoto, M.J., 871

Peilas, F., 1171
 Pelosof, H.V., (ab) 1075
 Pepin, A., 772
 Perez, F.M., (ab) 1024
 Perez, M., (ab) 1062
 Perlash, L., (ab) 1039
 Perkins, L.E., 744
 Perlin, W., (ab) 1077
 Perrin, J.C.S., (ab) 1065
 Perry, J., 433, (ab) 594
 Peters, M.J., (ab) 1086
 Peters, M.S., (ab) 593
 Petrone, P.N., (ab) 1082
 Pezzin, L.E., (ab) 1043
 Pham, Q.G.H., (ab) 1033
 Phan, H., 508
 Phillips, E.M., (ab) 1081
 Pici, M.A.B., (ab) 1038
 Piciulo, C.M., (ab) 1024, (ab) 1025
 Pillar, E.J., (ab) 1057
 Pillsbury, D.C., (ab) 593
 Pine, Z.M., 82
 Pineda, H., (ab) 1057
 Pisciotta, A.J., (ab) 1044
 Pitzer, N.L., (ab) 1044
 Planche, D., 1171
 Platto, M.J., (ab) 1058
 Plotkin, G.M., 947
 Plucinski, T.M., (ab) 1044
 Poduri, K.R., (ab) 1071
 Polepalle, S., (ab) 1058
 Polissar, N.L., 17
 Polo, K., (ab) 1063
 Posner, J.D., 373
 Potter, J.M., 997
 Potts-Nulty, S., 1120
 Powell, E.S., 779
 Powell, G.D., (ab) 1071
 Powers, C.M., (ab) 594
 Press, J.M., (ab) 1029
 Preston, D.C., 947
 Price, R., 940, (ab) 1070
 Priebe, M., 1014
 Primack, S.J., (ab) 1031, (ab) 1036
 Prince, J.M., 919
 Prionas, S., (ab) 1039
 Pryor, J.L., 59
 Pullman, S.L., (ab) 1044
 Pysh, J.J., (ab) 1075

Q

Quinn, T.J., 257

R

Raaschou, H.O., 27, 399, 406
 Radack, K.L., 966
 Ragnarsson, K.T., (ab) 1070
 Rahimi, R., (ab) 1085
 Ramis, J., 484
 Rana, C.J., (ab) 1067
 Rao, N., (ab) 1026, (ab) 1054
 Raoult, D., 1171
 Rapp, N.S., 476, (ab) 1047, (ab) 1048, (ab) 1061
 Rapp, S., (ab) 1037
 Rapport, L.J., 924
 Rasul, A., Jr., (ab) 1078
 Rawlins, P.S., (ab) 1038
 Rayes, E.J., (ab) 1077

Redmond, S.B., (ab) 593
 Reese, C.A., 719
 Refacian, M., (ab) 1071
 Reich, K.M., 360
 Reid, H., (ab) 599
 Reidy, K., (ab) 600
 Reinstein, L., (ab) 591, (ab) 1056
 Rencavage, M.A., (ab) 1074
 Reulen, J., 612
 Reyes, M.L., 433
 Ribbe, M.W., 243
 Richards, J.S., 130
 Richards, M.P., (ab) 1030
 Richards, R.L., (ab) 1042
 Richardson, J.K., 850
 Richman, D., (ab) 1038, (ab) 1066
 Ridgely, M., (ab) 593
 Riippi, L., (ab) 1071
 Rim, A., (ab) 1063
 Rintala, D.H., 525, (ab) 593, (ab) 595
 Ritzdorf, M., (ab) 1071
 Rivas, D.A., 758
 Roads, L.A., 924
 Roberts, M.B., (ab) 592
 Roberts-Atwater, B., (ab) 1083
 Robertson, V.J., 569
 Rodriguez, G.P., (ab) 593
 Rodriguez, M., (ab) 1035, (ab) 1036, (ab) 1040
 Rodriguez, A.A., 989, (ab) 1025, (ab) 1026, (ab) 1034, (ab) 1036, (ab) 1045, (ab) 1062, (ab) 1081
 Roe, M.C., 1173
 Roest, F.H.J., 1152
 Rogers, C.J., (ab) 1076
 Rogers, S.J., (ab) 1069
 Roggenbuck, D.J., (ab) 1069, (ab) 1070
 Rogozin, A., (ab) 1031, (ab) 1037
 Rogozinski, C., (ab) 1031, (ab) 1037
 Roig, R.L., 230
 Rokhlin, L., (ab) 1025
 Rondinelli, R.D., (ab) 1074
 Root, B.C., (ab) 1057
 Rose, W.S., 94
 Rosen, A.M., 750
 Rosen, L., 65
 Rosen, R.C., 811, 1093
 Rosenblum, D., 865
 Rosendall, B., (ab) 1073
 Rosenthal, M., (ab) 1086
 Ross, R.S., 779
 Rossi, C.D., 525
 Roth, E., (ab) 596
 Rowland, T.R., (ab) 1054
 Rowley, A., 685
 Russo, A.A., (ab) 1042
 Ryser, D.K., (ab) 1042

S

Sabharwal, S., (ab) 1075
 Sackeyfio, A.H., 884
 Salbador, G., (ab) 1033
 Salcido, R.M., (ab) 1034, (ab) 1076
 Salomao, O., (ab) 1072
 Saltzman, C.L., 45
 Saltzstein, R., (ab) 1075
 Samet, P.M., (ab) 1053, (ab) 1085

Sander, A., (ab) 592
 Sands, L.P., 373
 Santiago, M.C., 647
 Sarkarati, M., (ab) 1078
 Satcher, S.M., (ab) 1051
 Sato, K., 876
 Sato, M., 876
 Sayegh, J.Y., (ab) 1036
 Schaeffer, M.A., 284
 Schall, R., (ab) 594, 719
 Schatz, S.W., 104
 Schauss, J.H., 744
 Scheatzle, P.T., (ab) 1066
 Scheer, J., (ab) 596
 Scheer, S.J., 966
 Scherer, M.J., (ab) 595
 Schieppati, M., 158
 Schleenbaker, R.E., (ab) 1066, (ab) 1073
 Schmidt, M.F., (ab) 593
 Schmidt, R., 426
 Schmidt, S.H., 950
 Schulman, R.A., (ab) 1057
 Scremin, A.M.E., (ab) 1039
 Scremin, O.U., (ab) 1039, 1173
 Scullin, H.R., (ab) 1043
 Segal, M., (ab) 594, (ab) 598
 Sekeres, M., (ab) 1030
 Selber, P., (ab) 1038
 Semble, E.L., 190
 Semik, P., (ab) 596
 Seong, W.K., (ab) 1048
 Seraydarian, L., (ab) 595
 Shade-Zeldow, Y., (ab) 596
 Shafshak, T.S., 471
 Shah, N., 508
 Shahani, B.T., (ab) 1060
 Shankar, K., (ab) 1072
 Shaw, C.E., 373
 Shefner, J.M., 947
 Shekhani, N.A., (ab) 1053, (ab) 1077
 Shelton, J.E., 281
 Shenaq, S., (ab) 1083
 Shenoi, R.M., (ab) 1048, (ab) 1076
 Sherer, M., (ab) 592
 Sherman, J., (ab) 1034
 Shimada, Y., 876
 Shirado, O., 225, 604, 621
 Shull, W.H., (ab) 1067
 Sicilia, M., (ab) 1056
 Sie, I., 440
 Siebelink, E., (ab) 1042
 Signorile, J.F., 55
 Siliotto, R., 158
 Silver, B.V., (ab) 1068, (ab) 1083, (ab) 1087
 Silver, J.K., (ab) 1057, (ab) 1082
 Silver, K.H., (ab) 1033
 Simler, M., (ab) 596
 Simons, D.G., (ab) 1046
 Simonsen, J.C., 516
 Simpson, C., (ab) 1034
 Simpson, L., (ab) 1041
 Sinacore, D.R., 50, 1134
 Sinaki, M., (ab) 1046
 Sindoni, W., (ab) 599
 Sine-A-Quan, G.T., (ab) 1051
 Sipski, M.L., (ab) 593, 811, 1093
 Sisung, C.E., (ab) 1066
 Skerker, R.S., (ab) 1080
 Skinner, J.S., 139

Slipman, C.W., (ab) 1029, (ab) 1030, (ab) 1032, (ab) 1050
 Sliwa, J.A., (ab) 1059
 Small, M., (ab) 595
 Smiehorowski, T., (ab) 1024, (ab) 1025
 Smith, J., 547
 Smith, J.C., (ab) 1078
 Smith, R.M., (ab) 1026, (ab) 1027, (ab) 1030, (ab) 1040, (ab) 1054
 Smith, S.W., 257
 Smith, W.K., (ab) 1027
 Sneed, R.C., 101
 Snow, M.M., (ab) 1034, (ab) 1045
 Sojka, A.M., 558
 Solomonow, M., (ab) 1075
 Sosner, J., 284, 484
 Sowa, M.V., 924
 Spaans, F., 612
 Sparrow, E.M., 666
 Speed, J., (ab) 1067, (ab) 1079
 Sperling, K.B., (ab) 1051
 Spreitzer, A.M., (ab) 1034
 Spungen, A.M., 819
 Staas, W.E., Jr., 1120
 Stalker, C., (ab) 1036
 Stam, H.J., 1152
 Stambolis, V., (ab) 1077
 Starr, M., (ab) 1048, (ab) 1051
 Stason, W., 508
 Stein, A.B., (ab) 1070
 Stein, C., (ab) 1033
 Stein, G.L., 341
 Stein, J., 840, (ab) 1050
 Stelberg, B., (ab) 1034
 Stenn, P., (ab) 1036
 Stephens, R.E., (ab) 1040
 Sterenfeld, E.B., (ab) 1029, (ab) 1030, (ab) 1032, (ab) 1050
 Sternhag, M., 419
 Stewart, G.W., 230
 Stiens, S.A., 674, (ab) 1078
 Stillman, B., 166
 Stineman, M.G., 1163
 Stivers, M., (ab) 1084
 Stoier, M., 399, 406
 Stoll, S.T., (ab) 1027
 Stolp-Smith, K.A., 1006, (ab) 1035, (ab) 1036, (ab) 1070
 Storrs, B., (ab) 1038
 Strain, L.A., 955
 Strauss, N.E., (ab) 1058
 Strax, T., 225, 604, 621, 897, (ab) 1054, (ab) 1058, (ab) 1084, (ab) 1087
 Struchen, M., (ab) 592
 Stuber, W.A., 558
 Subbarao, J.V., (ab) 1051
 Sugimoto, A., (ab) 1025
 Sullivan, W.J., (ab) 1063
 Sumangela, K., (ab) 1072
 Sun, J., 453
 Sundaresan, N., (ab) 1070
 Sunnerhagen, K.S., 732
 Swedan, N.G., (ab) 1038, (ab) 1060
 Swiggum, E.R., 989, (ab) 1026, (ab) 1036
 Sykes, L., 779

T

Tajima, F., (ab) 1024, (ab) 1025
 Taktak, D.M., 1156

- Talbot, K.D., 45
 Talvensaari, K.K., 983
 Tambay, N.S., (ab) 1064
 Taqi, F., (ab) 1056
 Tate, D.G., (ab) 596
 Taylor, P., 113
 Taylor, R.S., 884, (ab) 1047, (ab) 1061
 Taylor, S.B., 281
 Teasell, R.W., 310, 317, (ab) 1051, (ab) 1080
 Temple, R., (ab) 599
 Teoh, T.H., (ab) 1078
 Tepper, S., 349
 Teraoka, J.K., (ab) 1026
 Thomas, D.C., (ab) 1070
 Thomas, P., (ab) 599
 Thomas, S.A., 331
 Thompson, J.M., 413
 Thrun, M., 871
 Tinianow, J.F., (ab) 1053
 Toedter, L.J., 719
 Trotman, B.K., (ab) 594
 Tsoukas, A., 262
 Tsuji, S., 234
 Tsunoda, N., 234
 Tuel, S.M., (ab) 1045, (ab) 1079
 Tunkel, R.S., 692, (ab) 1028, (ab) 1031, (ab) 1039, (ab) 1046, (ab) 1059, (ab) 1060, (ab) 1062
 Tura, A., (ab) 1035
 Turk, M.A., (ab) 1055
 Tycenski, P., 373
- U**
- Ugalde, V., (ab) 1056
 Unsworth, C.A., 331
- V**
- Valena, N.V., (ab) 1070, (ab) 1083
 Valor, R., 71
 van Bennekom, C.A.M., 501
 van Boxel, Y.J.J.M., 1152
 Van den Bosch, C.G., 850
 Vander Linden, D.W., 627
 Vanderstraeten, G.G., (ab) 1026
 Vandervoort, A.A., 317
 Vanharanta, H., 983
 VanSwearingen, J., 905
 Varghese, G., 868
 Vaz Fragoso, C.A., 583
 Veldman, P.H.J.M., 239
 Velozo, C.A., (ab) 595, 705
 Venkatesh, S., 947
 Viramontes, B.E., 840
 Viton, J.-M., 1171
 Vive-Larsen, J., 399, 406
 Vogel, L.C., (ab) 1040
 von Oeyen, P., 476
 Vorman, S., (ab) 1040
 Vreslovic, E.J., Jr., (ab) 1029, (ab) 1030
 Vroman, N.B., 257
- W**
- Wade, C.K., 695
 Wade, W.H., (ab) 1076
 Waechter, C.H., (ab) 1049
 Wagemans, M.F.M., 243
 Wagenaar, D.R., (ab) 599
 Walker, N., (ab) 591
 Wall, B.E., (ab) 1024
 Waller, B.S., (ab) 1042
 Walsh, J., 266
 Walsh, N.E., 301, 603, (ab) 1069, (ab) 1071
 Walsh, S.A., (ab) 1056
 Walsh-McMonagle, D.A., (ab) 1068
 Walter, J.S., 266
 Walter, L.J., (ab) 592
 Wang, A.-M., (ab) 1048
 Wang, F.S., 484
 Wang, P.P., (ab) 1067
 Wang, T.-G., 213
 Wang, Y., (ab) 1044
 Wang, Y.-H., 387
 Ward, A.R., 569
 Ward, F.A., (ab) 1027, (ab) 1061, (ab) 1072, (ab) 1073
 Ward, M.J., (ab) 1037
 Waring, W.P., III, (ab) 1065
 Warren, S.A., 218
 Washer, L., (ab) 1037
 Watanabe, T.K., (ab) 1084
 Waters, R.L., 440
 Watson, B., (ab) 595
 Webb, C.R., 1113
 Weber, R.J., (ab) 1055
 Webster, J.S., 924
 Weinberg, L.E., 955
 Weiss, H.B., (ab) 1031, (ab) 1037
 Weitzenkamp, D., (ab) 596
 Welcher, J., (ab) 592
 Welsh, J., SC-2, SC-27
 Wendt, V.E., 65
 Werner, R.A., 246
 Wertsch, J.J., 1000, (ab) 1074
 Wervey, R.A., (ab) 1074
 Wetterholt, K.L., 373
 Weyl, S., (ab) 600
 White, D.E., 360
 White, L.A., (ab) 1064
 Whiteneck, G.G., 919
 Whitlock, J.A., Jr., 1103
 Whyte, J., 82, 804
 Wilke, M.S., 666
 Wilkerson, D., 349
 Wilkins, J.C., 884, (ab) 1047, (ab) 1061
 Wille, B.J., (ab) 1051
 Williams, J.I., 913
 Wilson, D., (ab) 1080
 Wilson, D.B., 495
 Wilson, E.S., 310
 Wilson, K.G., 899
 Wiperman-Heine, L.A., (ab) 1052
 Wirz, D., 583
 Witmer, B.E., (ab) 1080
 Wolcott, R.J., (ab) 1067
 Wolfe, B., (ab) 1051
 Wolfe, V., (ab) 1039
 Wong, C.K., 695
 Wood, D.L., (ab) 1085, (ab) 1086
 Woods, E.A., (ab) 1033
 Worsowicz, G.M., (ab) 1054, (ab) 1058
- Y**
- Yablon, S.A., (ab) 592, (ab) 1041, (ab) 1042, (ab) 1065, (ab) 1068, (ab) 1069, (ab) 1070, (ab) 1076, (ab) 1083, (ab) 1084, (ab) 1086, (ab) 1087
 Yakura, J.S., 440
 Yamazaki, H., 234
 Yannes Eyles, M.O., (ab) 593
 Yata, H., 234
 Yates, L.L., (ab) 1060
 Yeaney, N.K., 635
 Yildiz, E., (ab) 1052
 Yoder, D.M., 33
 Yoels, W., 1113
 Yoshida, K.K., 913
 Young, J.L., (ab) 1029, (ab) 1083
 Young, M.E., 525, (ab) 595
 Young, M.N., (ab) 1048
 Young, N.L., 913
 Yu, D.T., (ab) 1074
 Yu, E.J., (ab) 1041
 Yukawa, T., 876
- Z**
- Zafonte, R.D., (ab) 1085, (ab) 1086
 Zelaya, J.C., (ab) 598
 Zhu, H., 1000
 Zimmermann, K.P., 250, (ab) 1074
 Zorowitz, R.D., 763, (ab) 1033
 Zuhosky, J.P., (ab) 1063, (ab) 1083

